

Fig. 1

09643494.082400

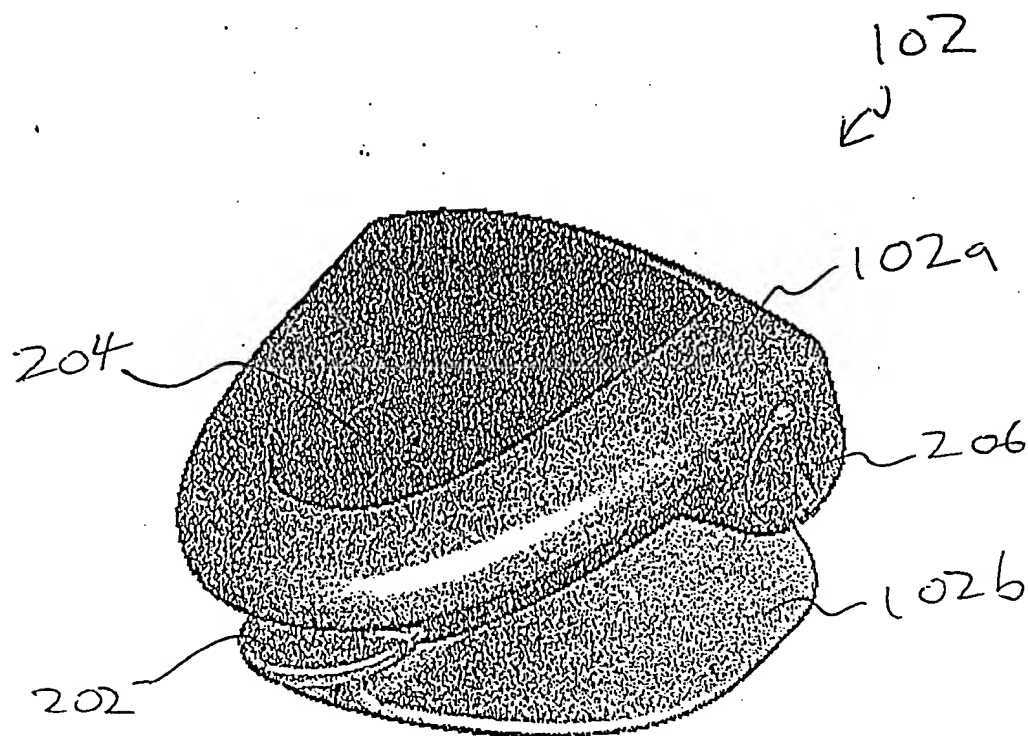


Fig. 2A

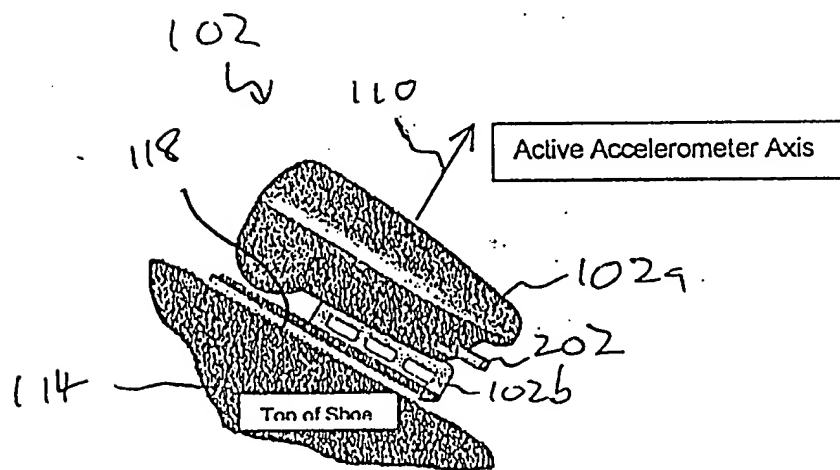


Fig. 2B

09043191.082100

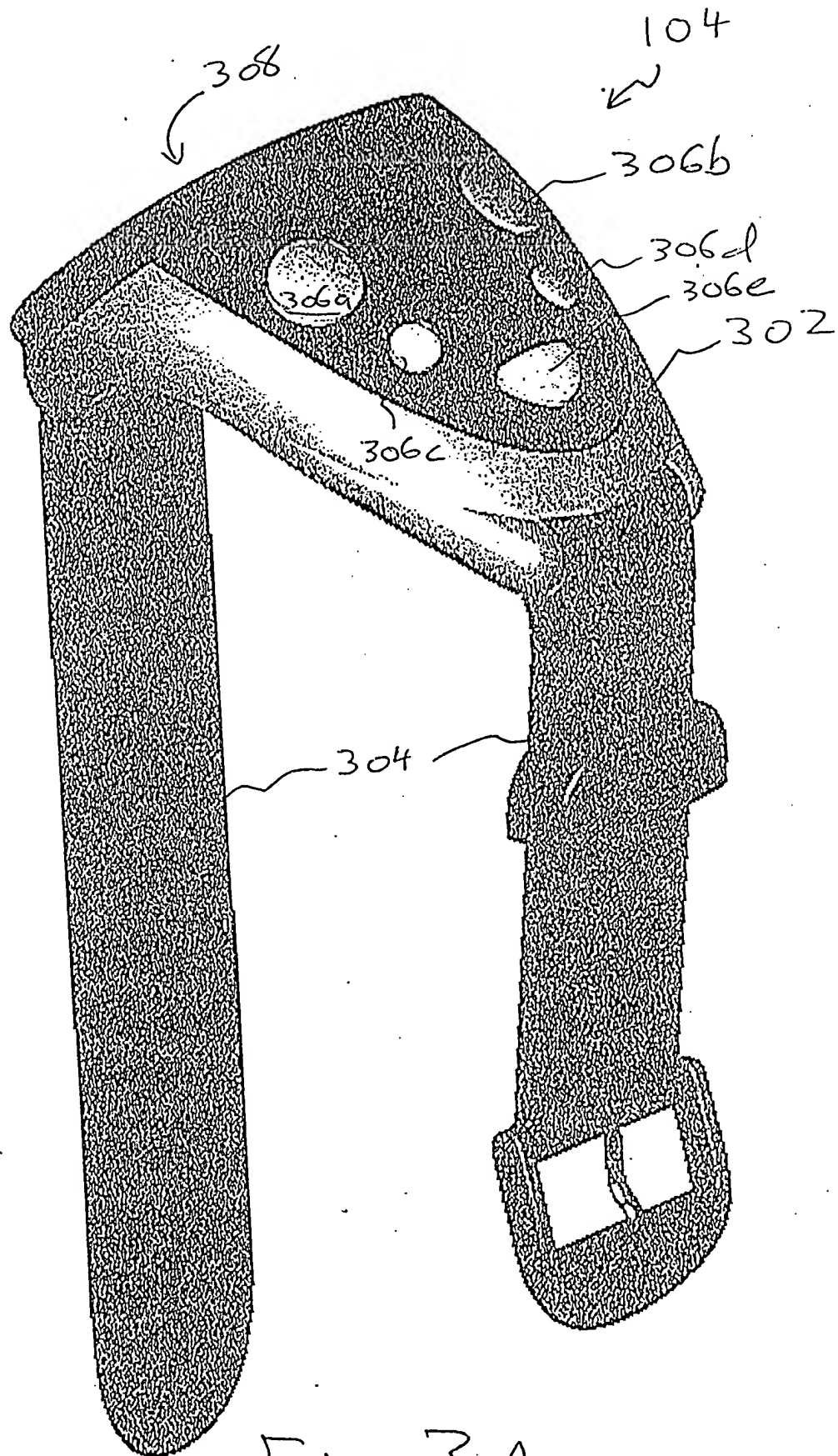


Fig. 3A

25 27



33

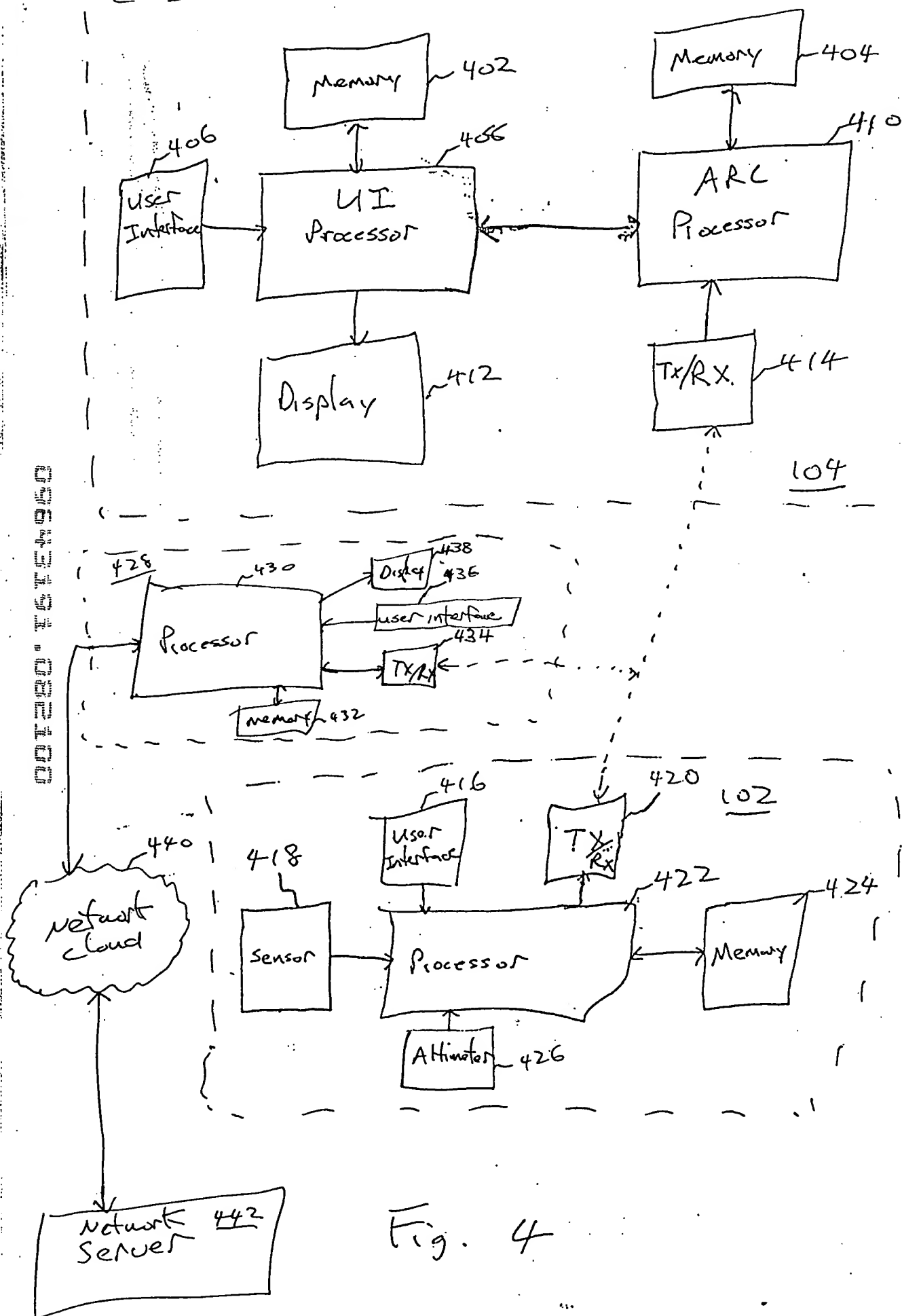


Fig. 4

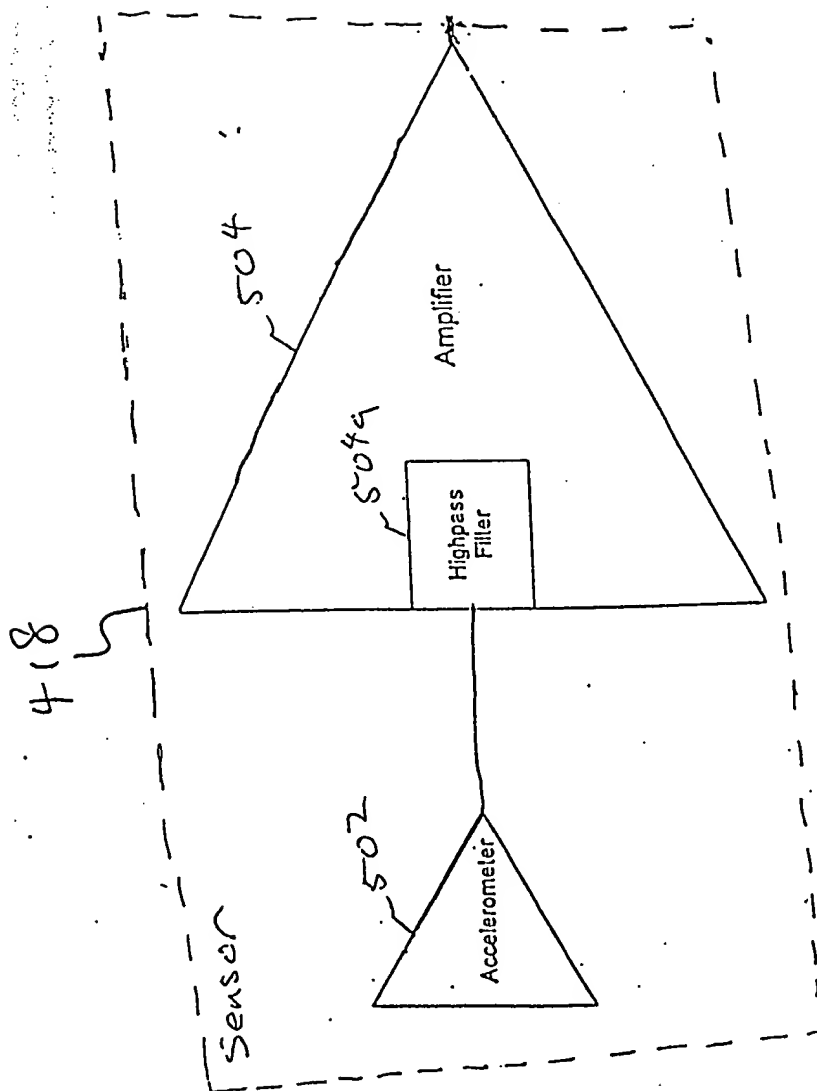
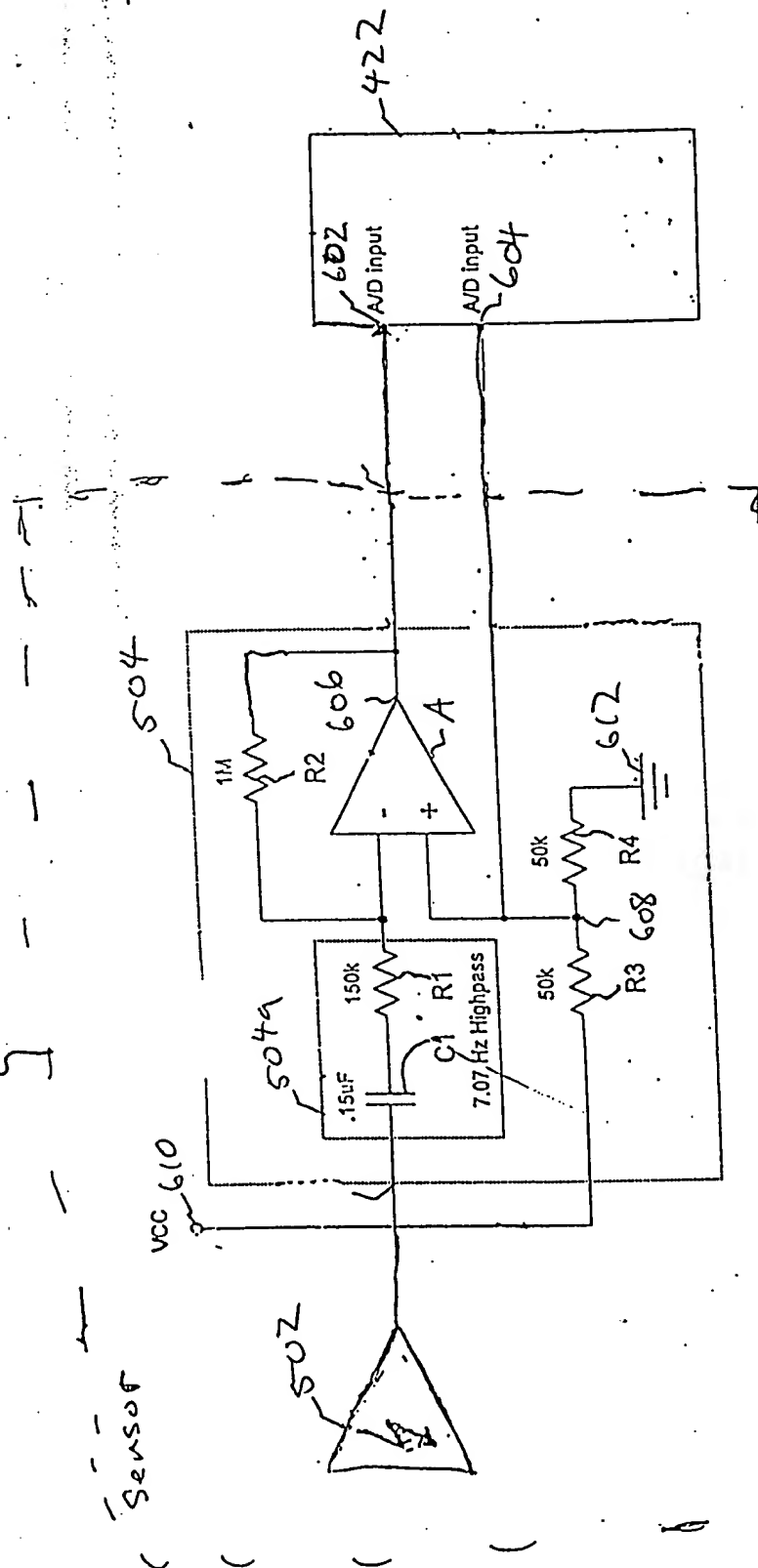


Fig. 5

4185



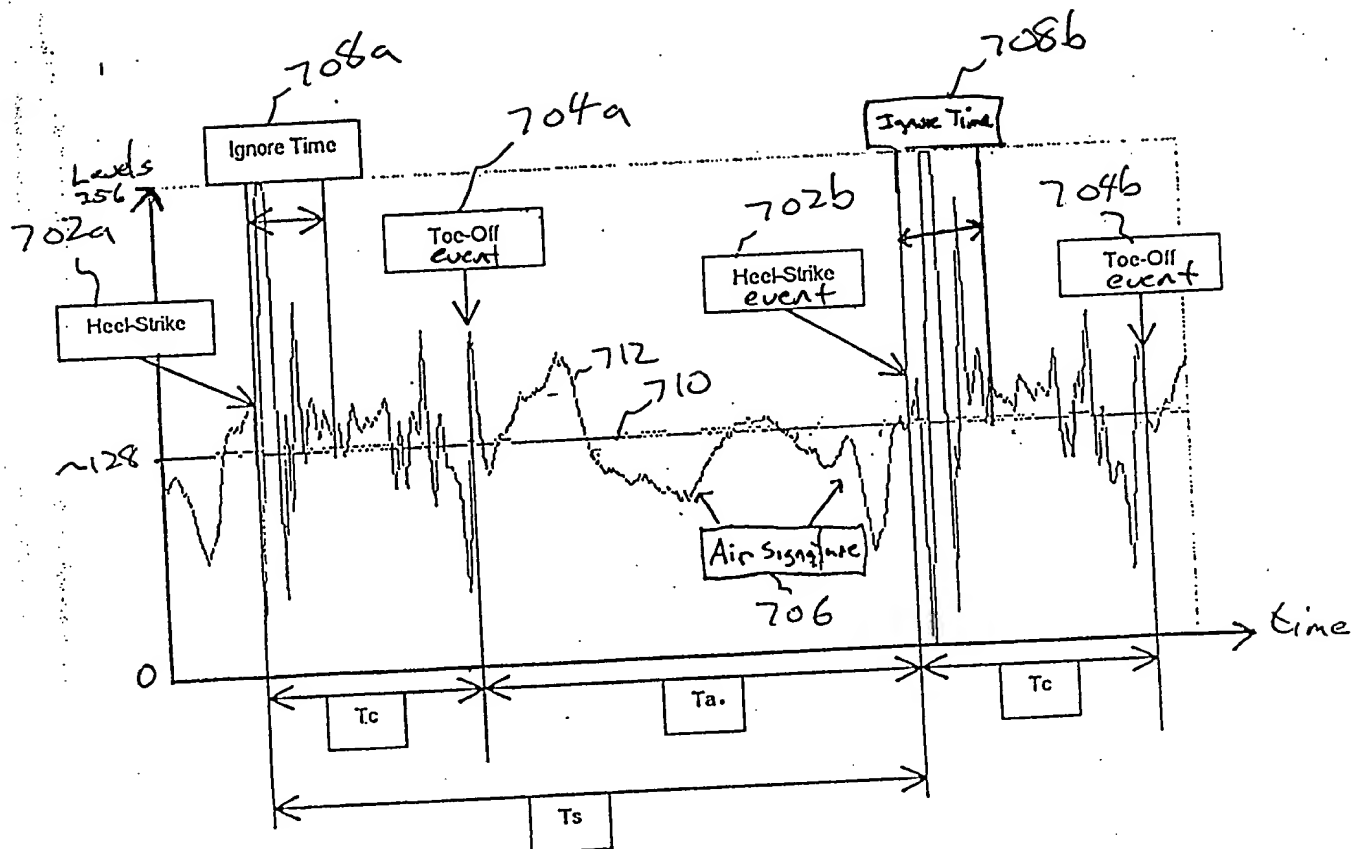


Fig. 7

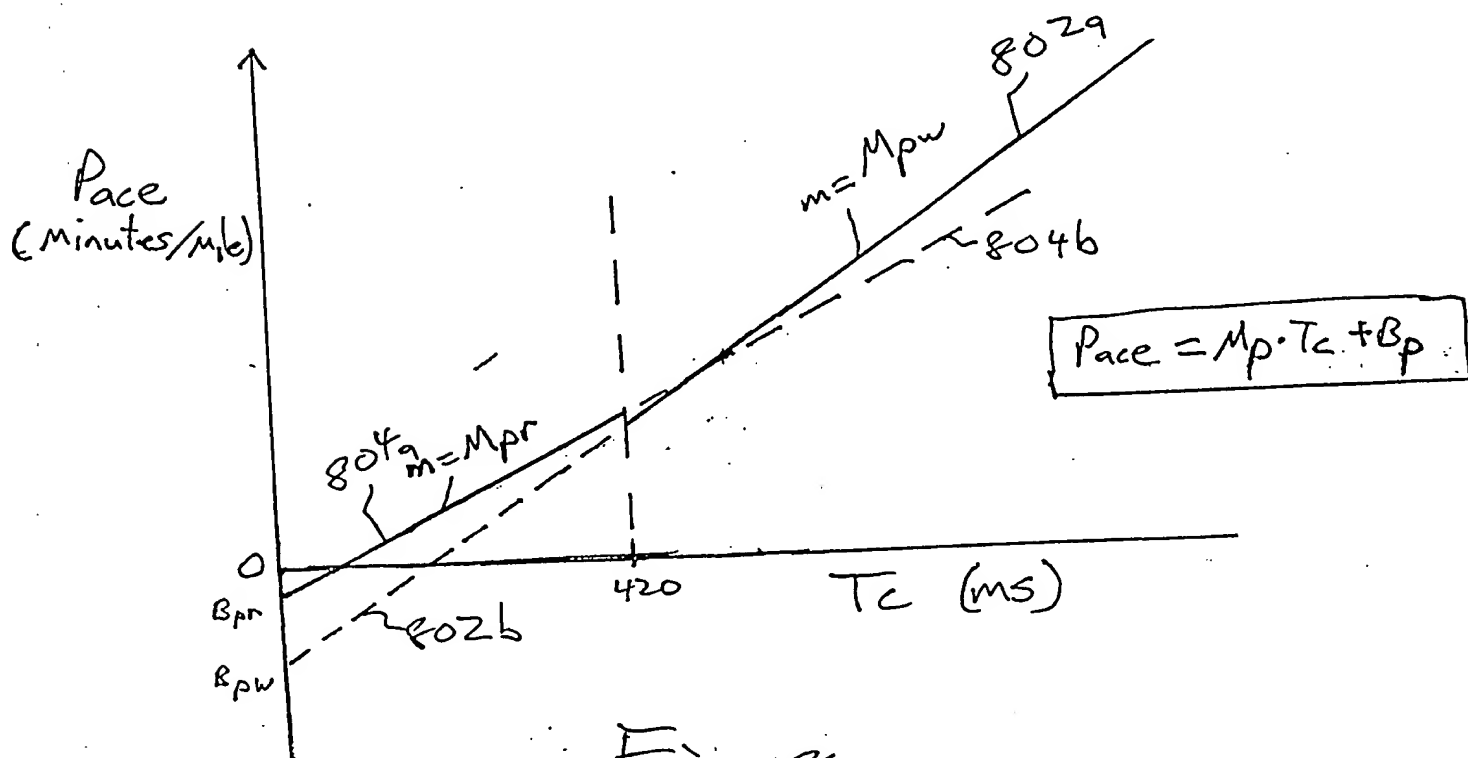


Fig. 8

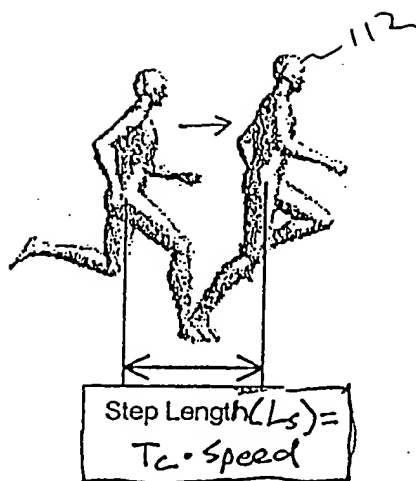


Fig. 9

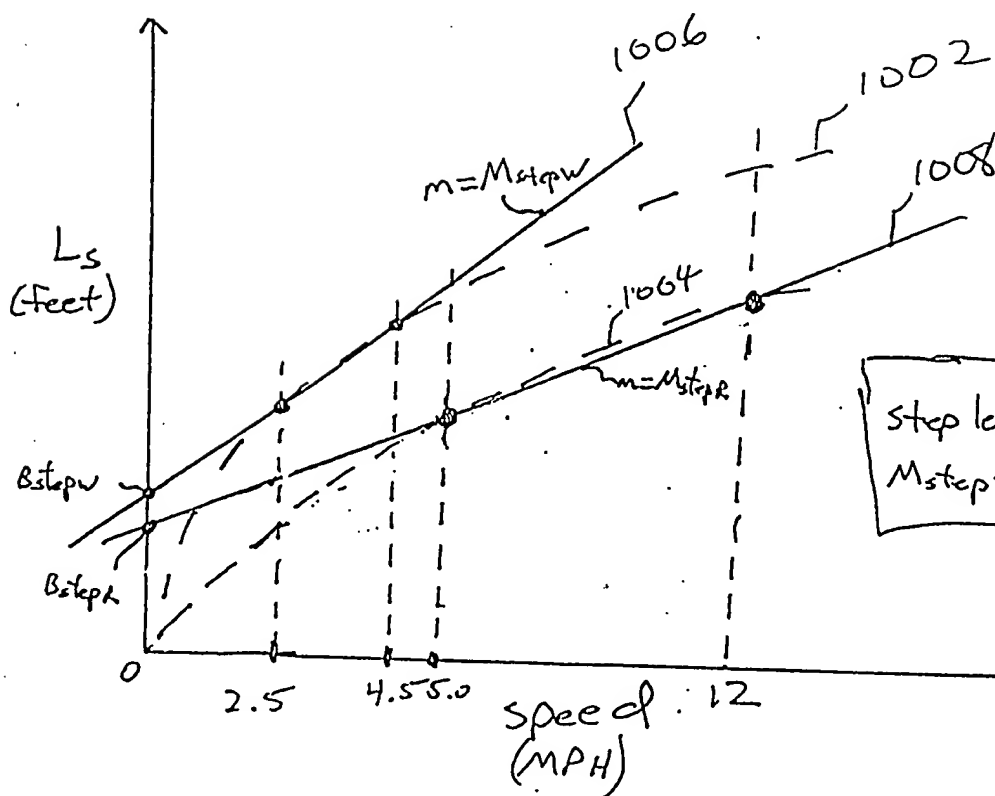


Fig. 10

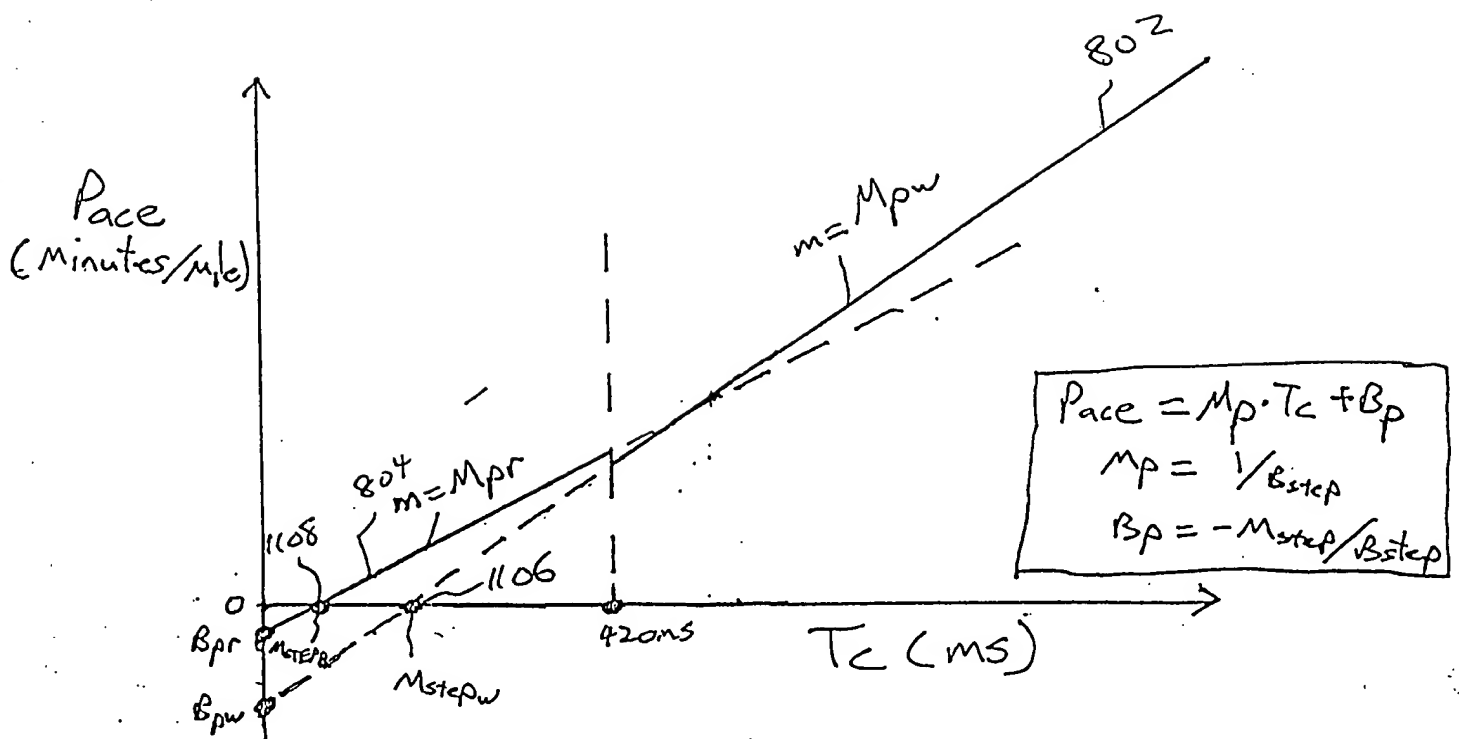


Fig. 11

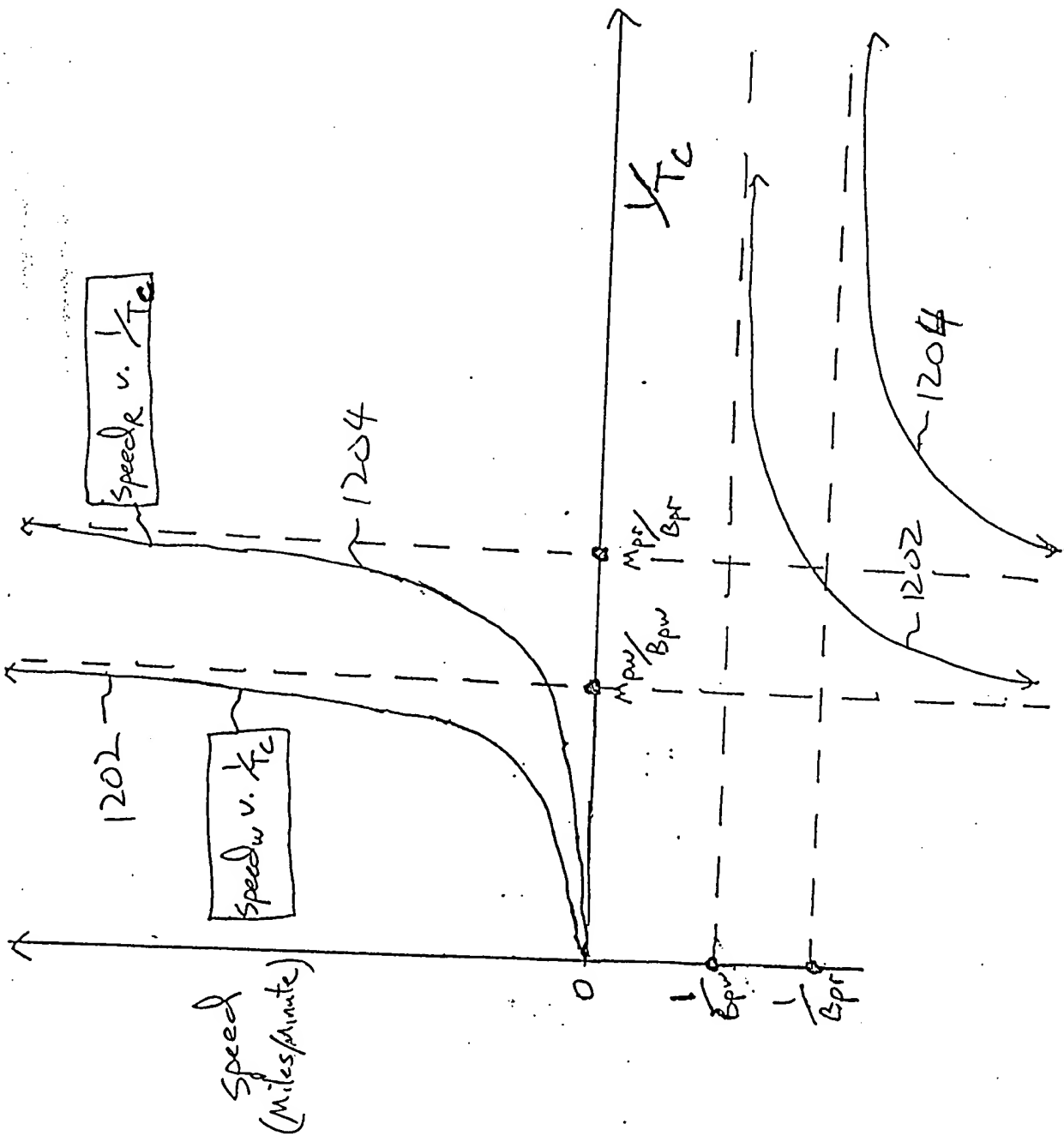
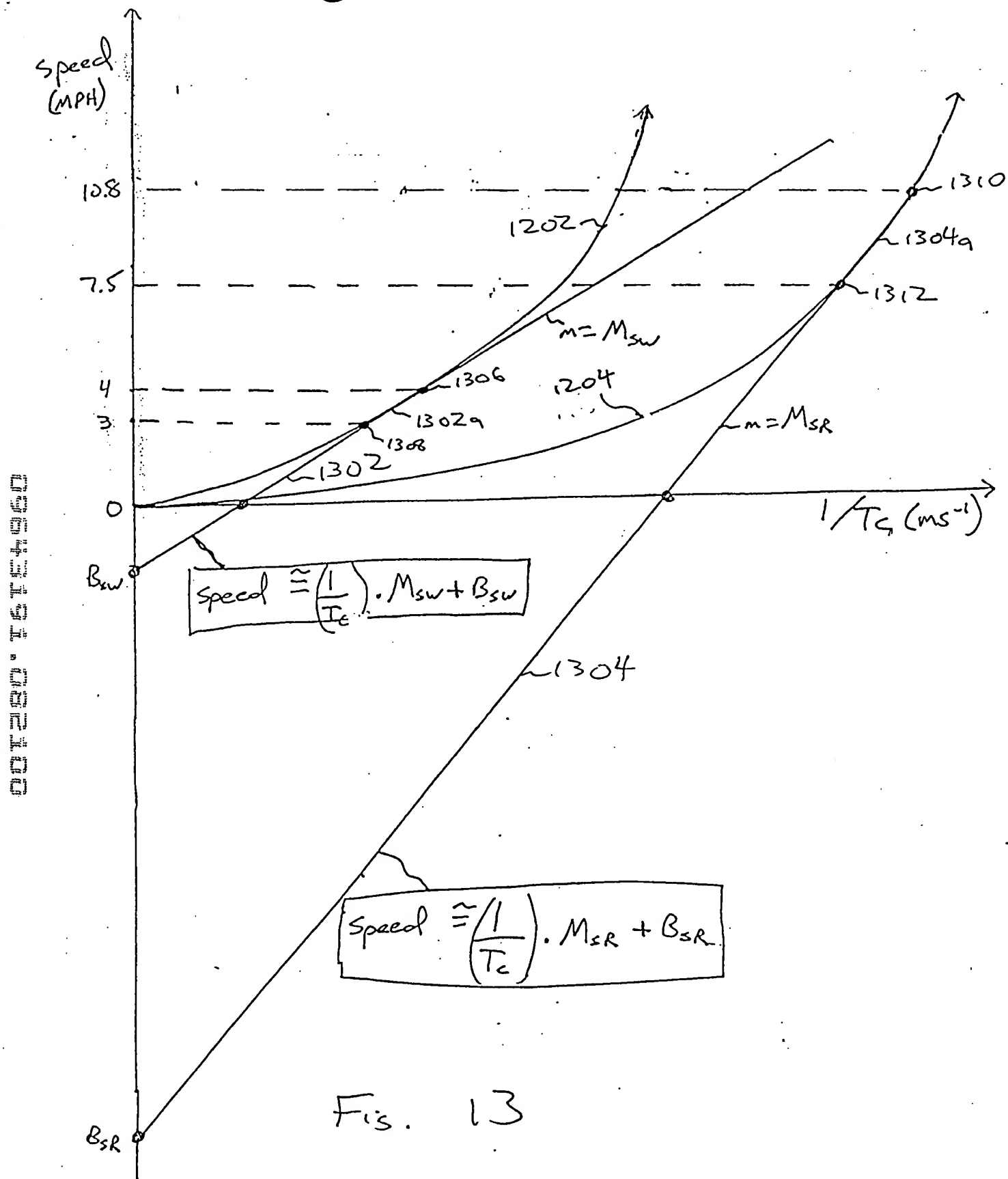


Fig. 12



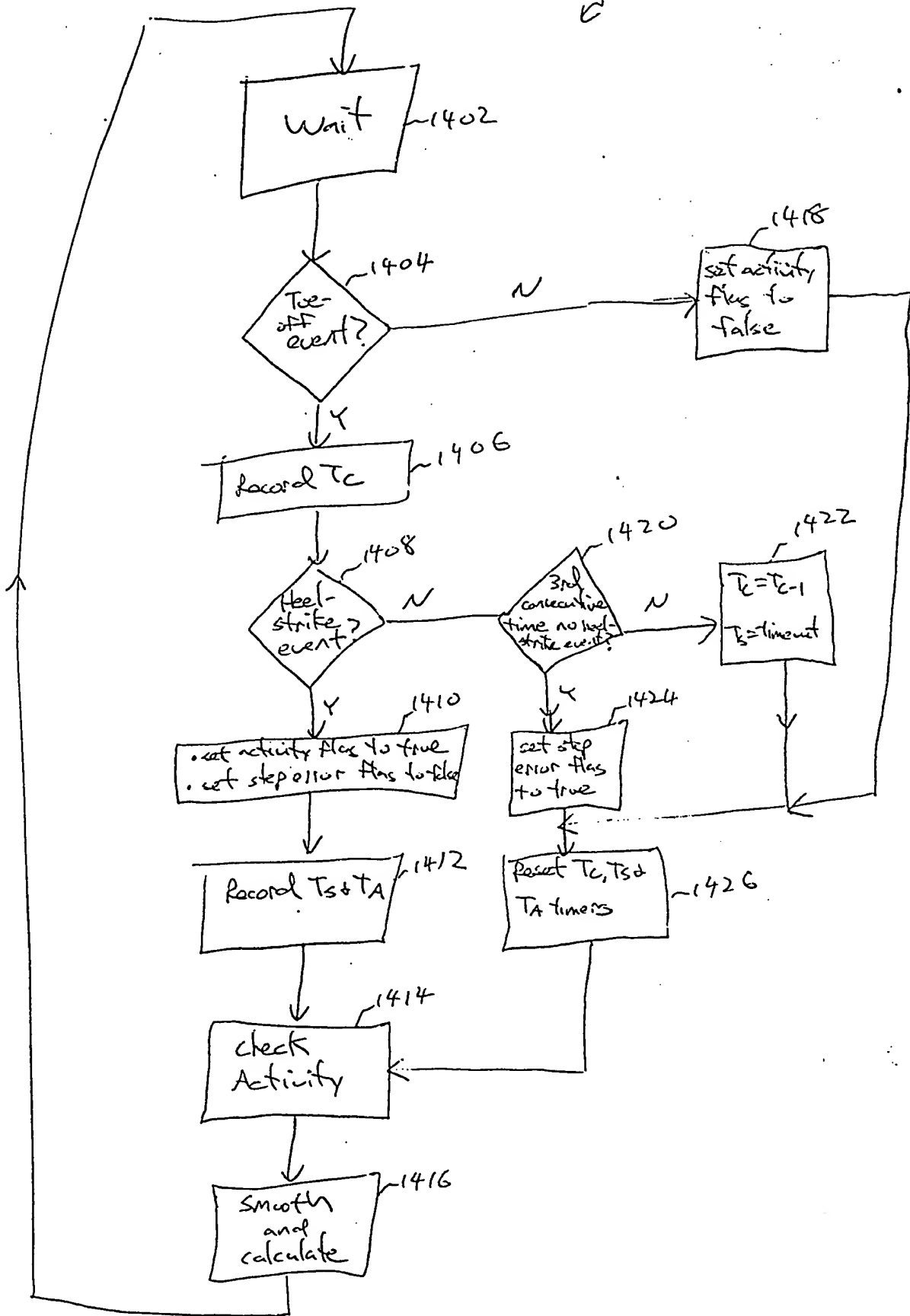


Fig. 14

056431.002100

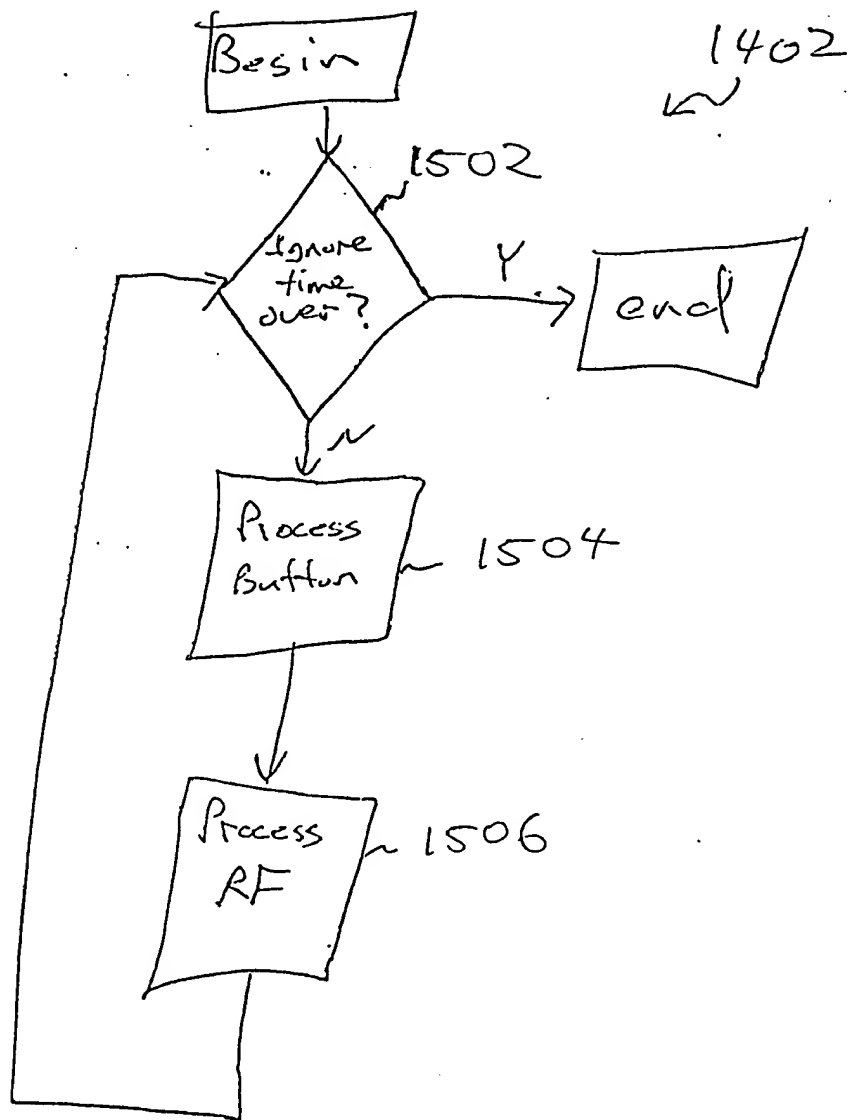


Fig. 15

1504

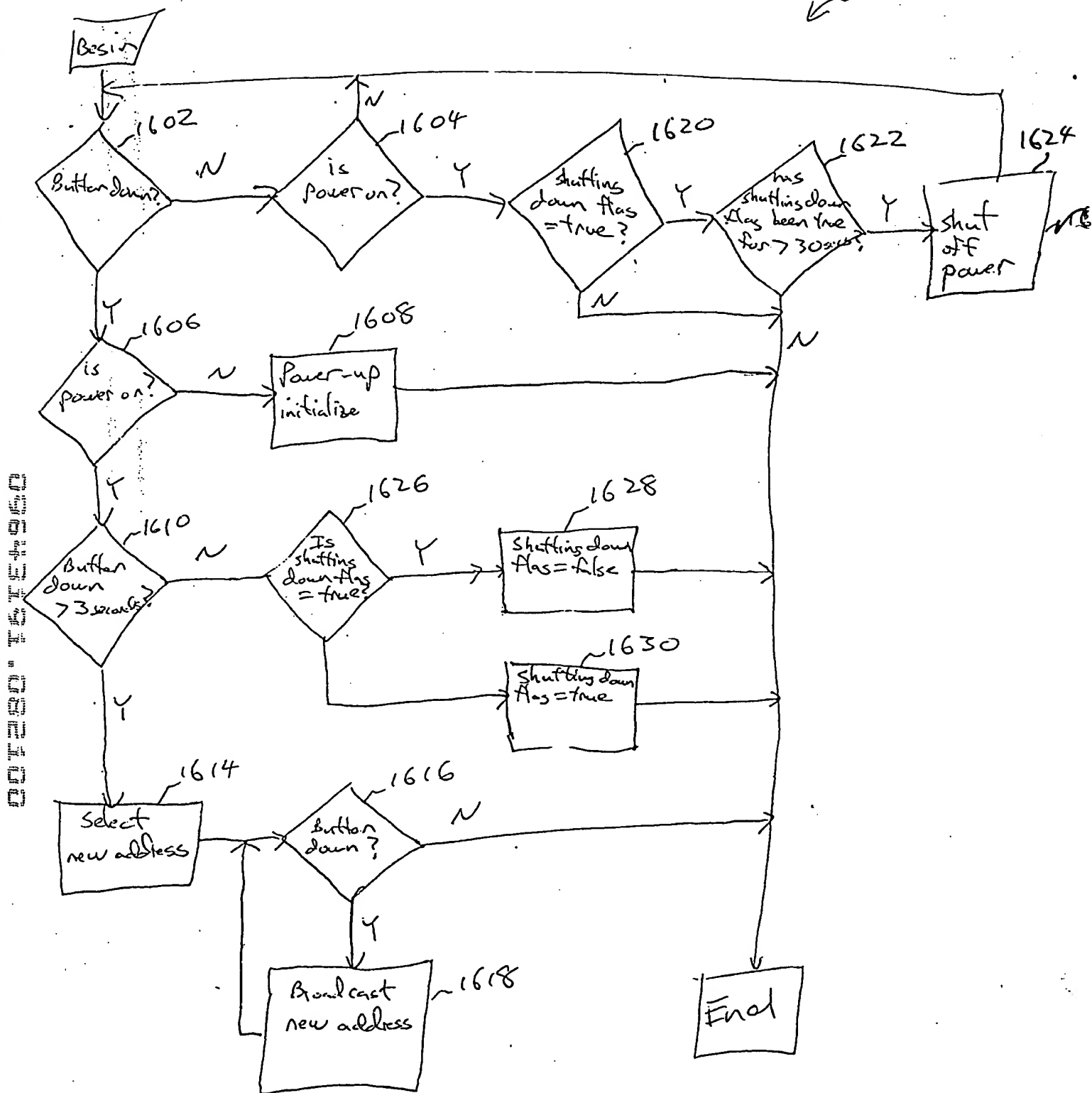


Fig. 16

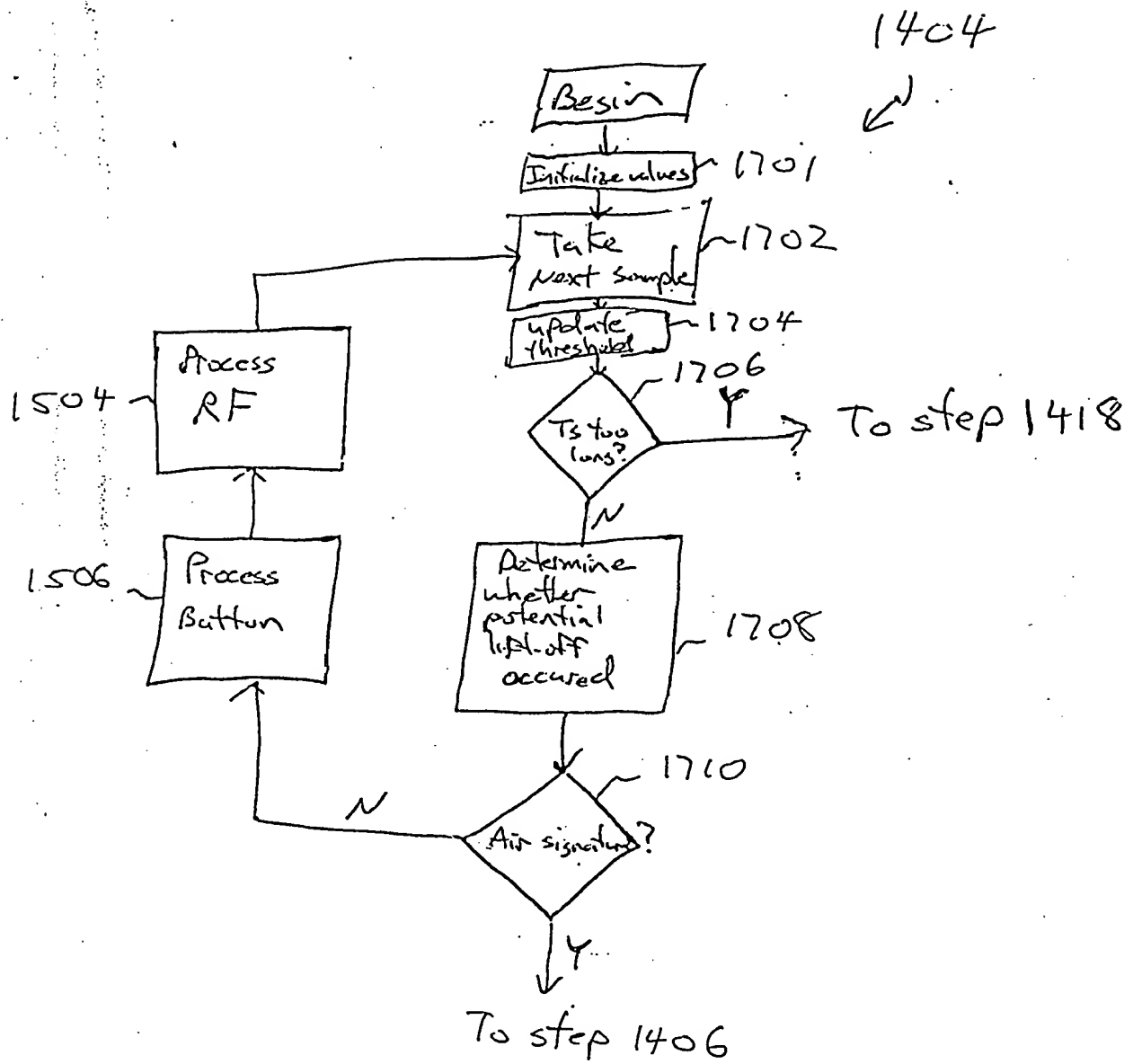


Fig. 17

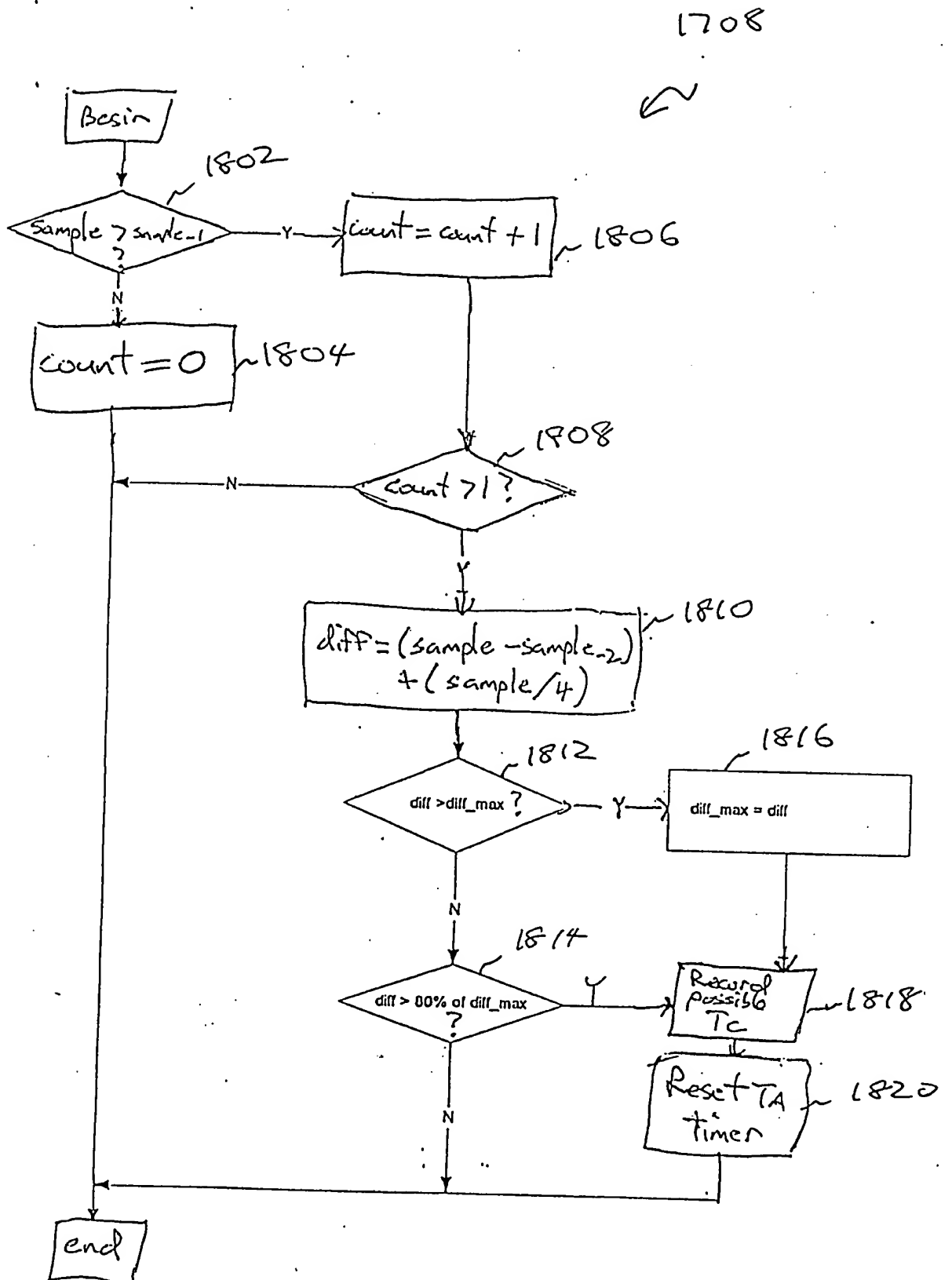
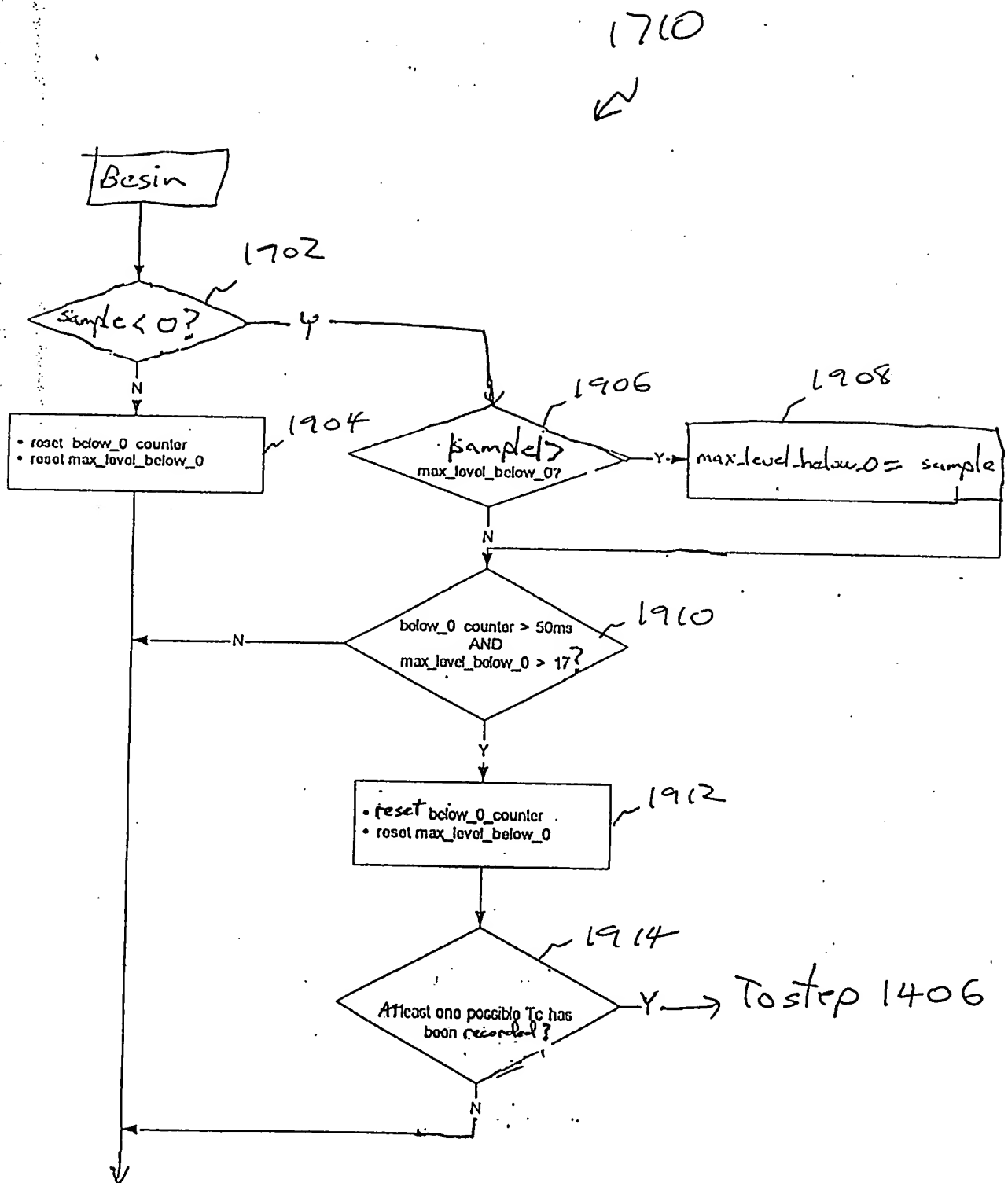


Fig. 18



To routine 1506

Fig. 19

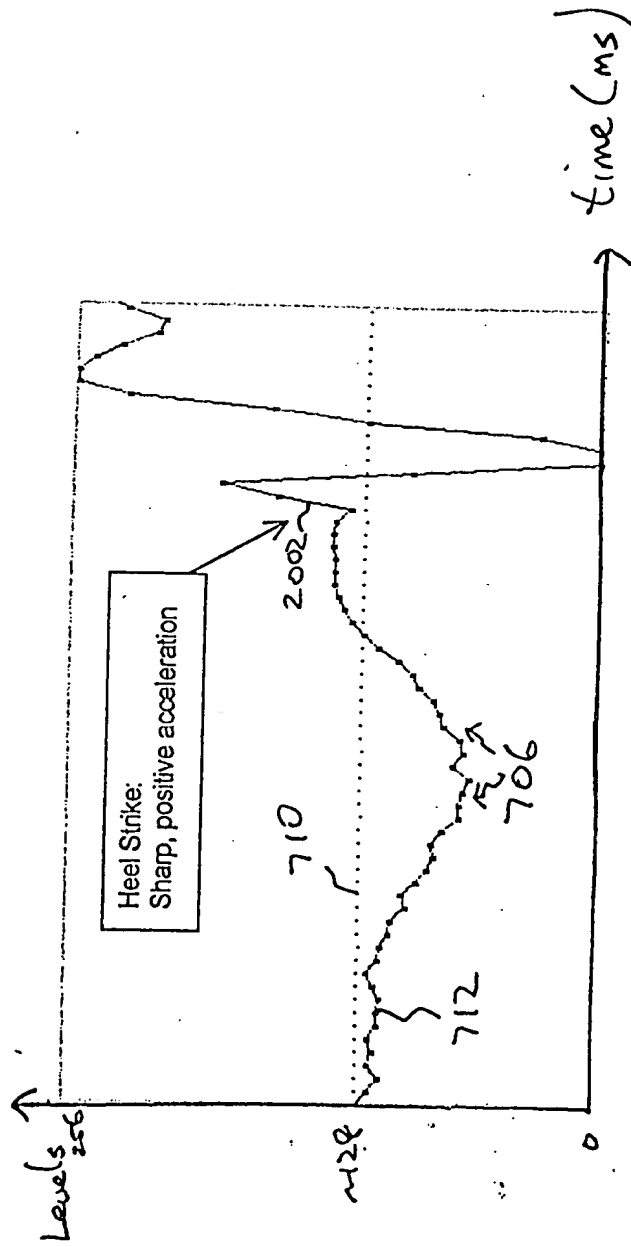


Fig. 20

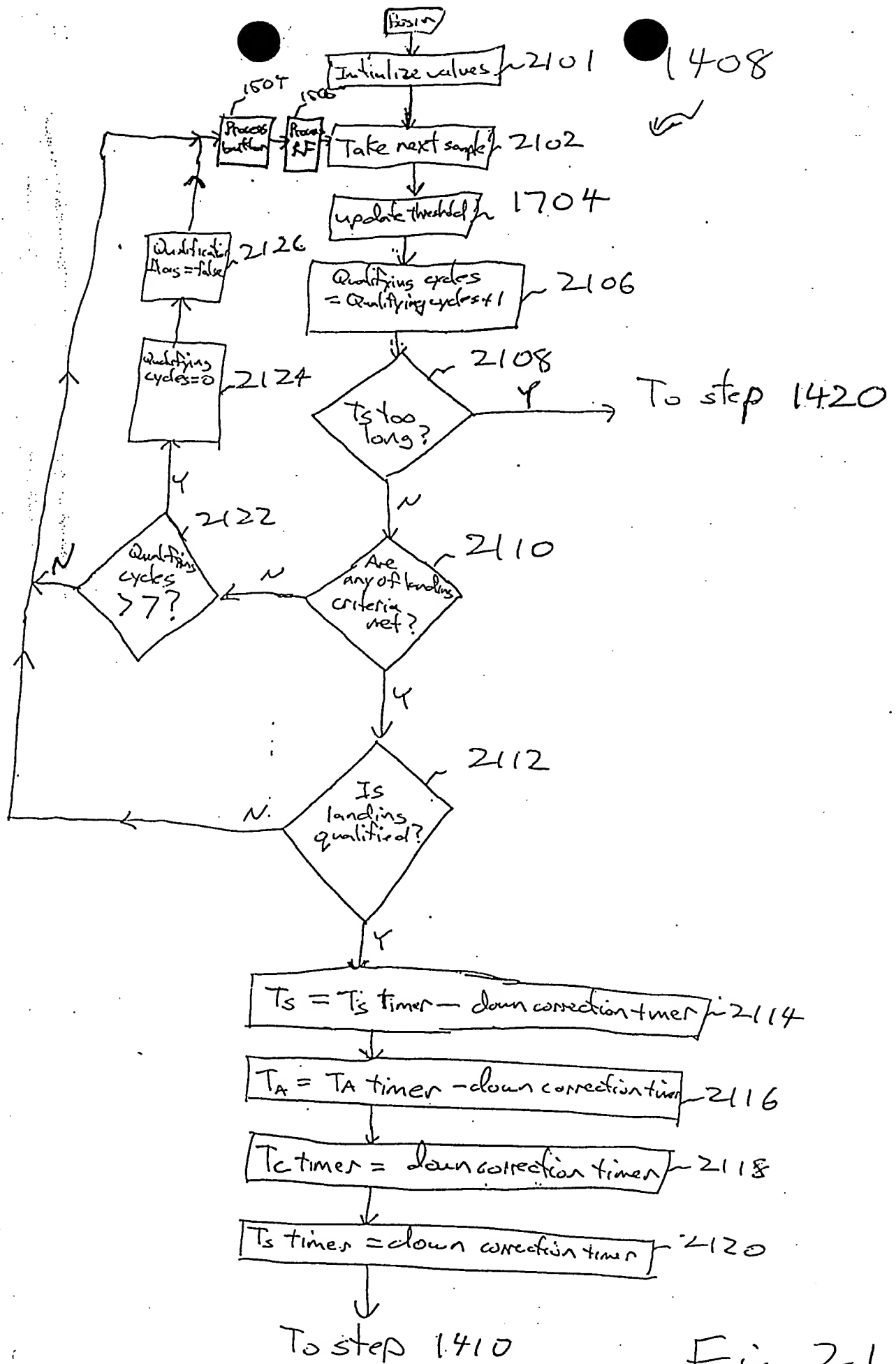


Fig. 21

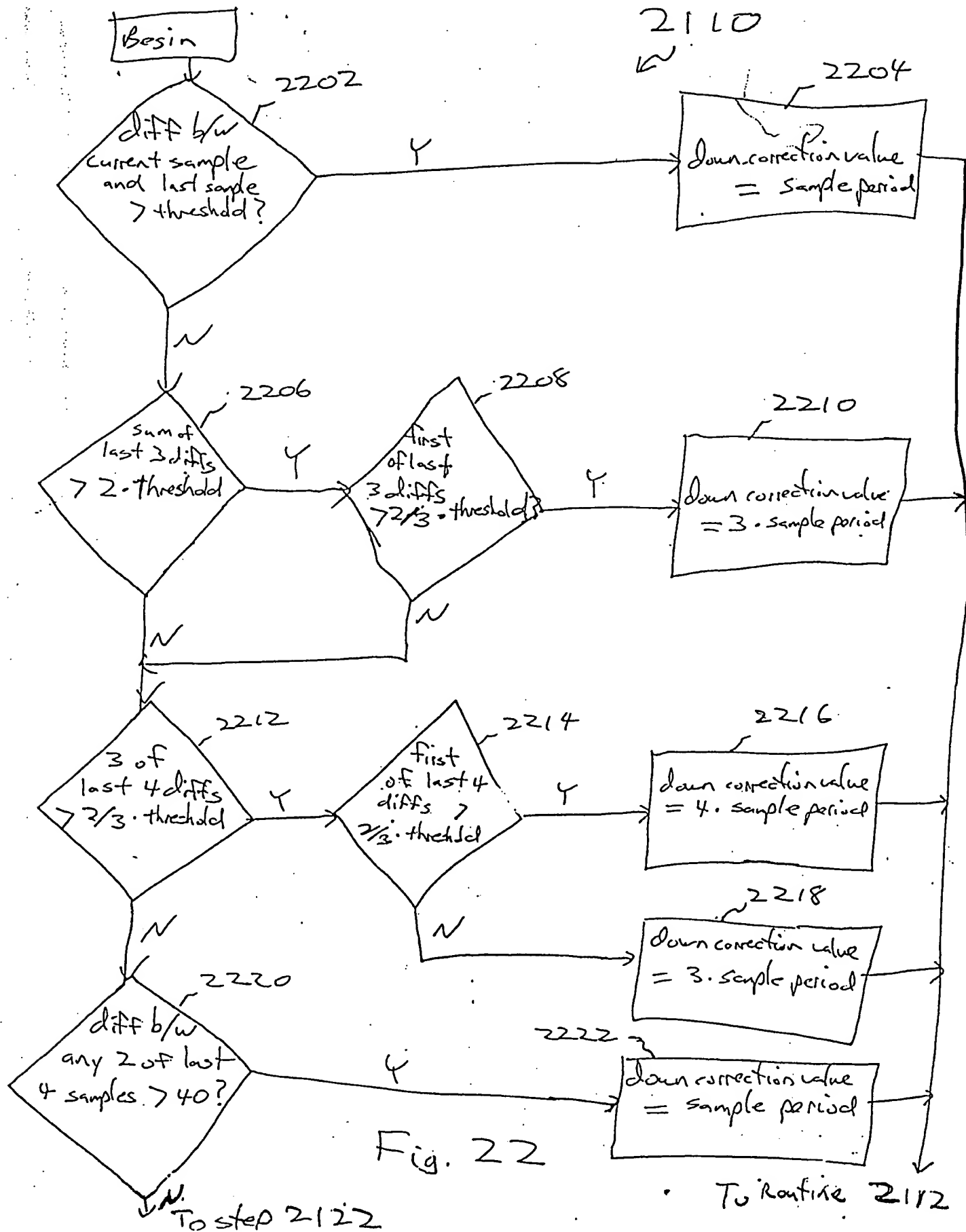


Fig. 22

To Routine 2112

1704

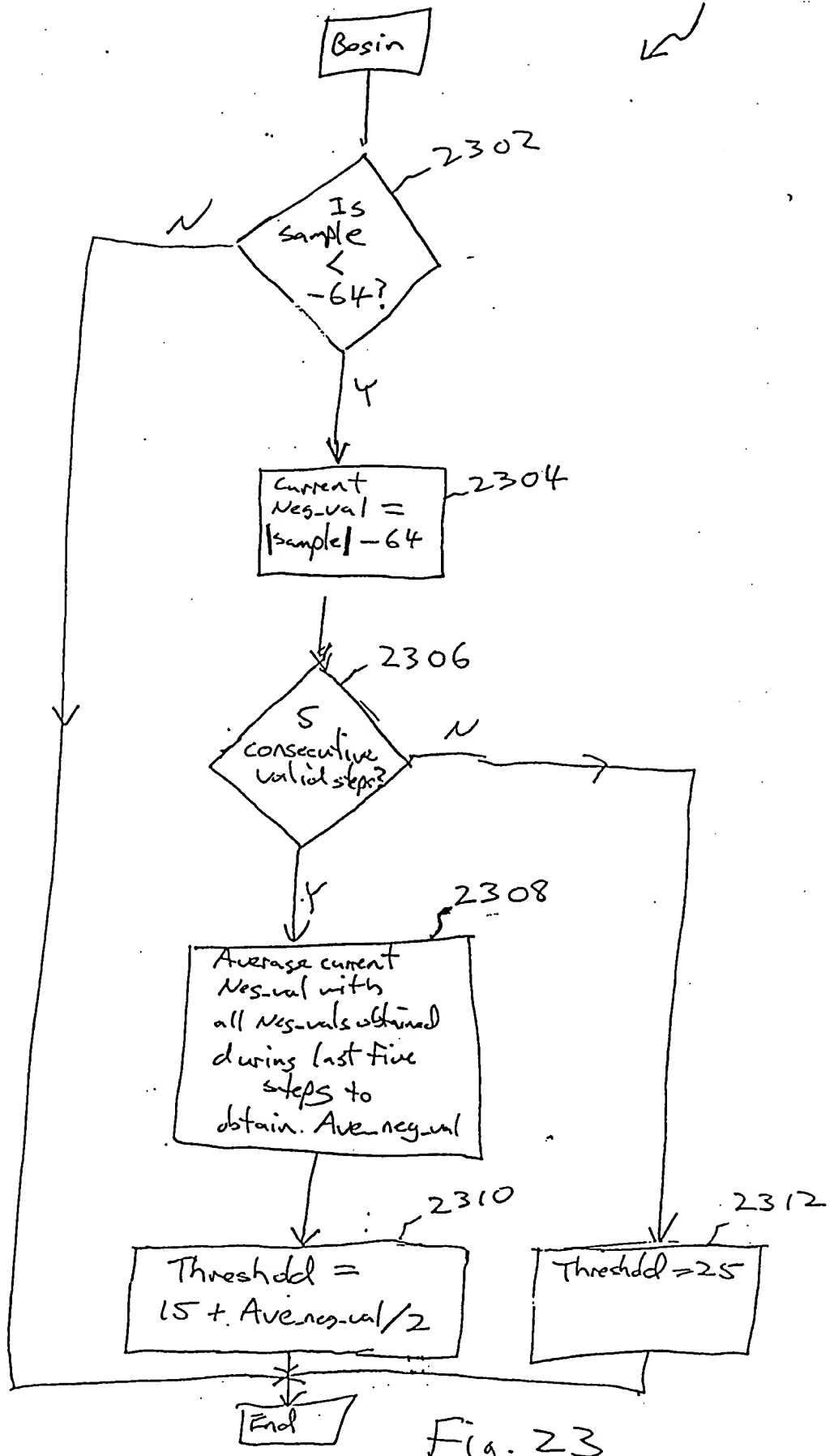


Fig. 23.

056431.032100

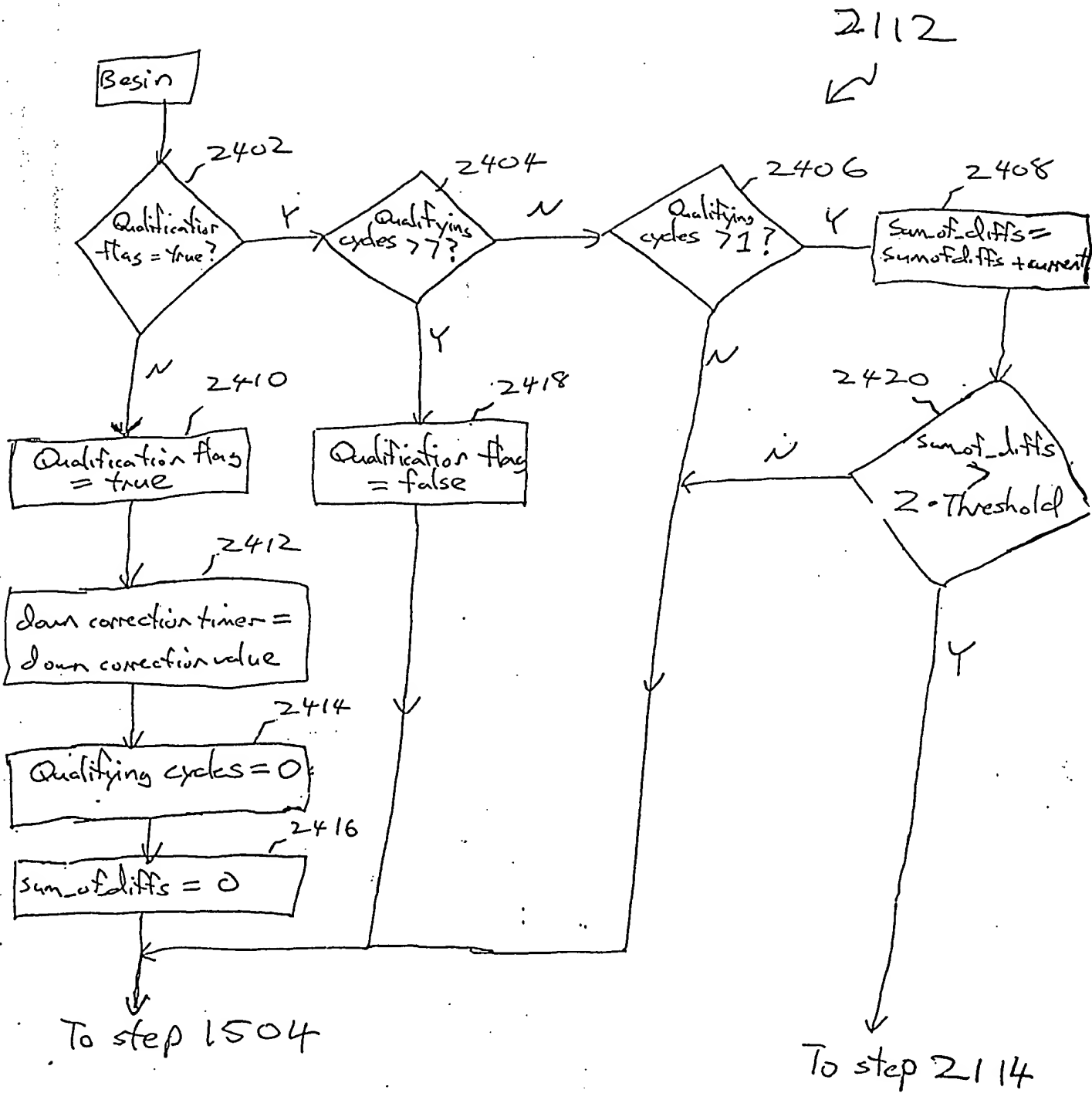


Fig. 24

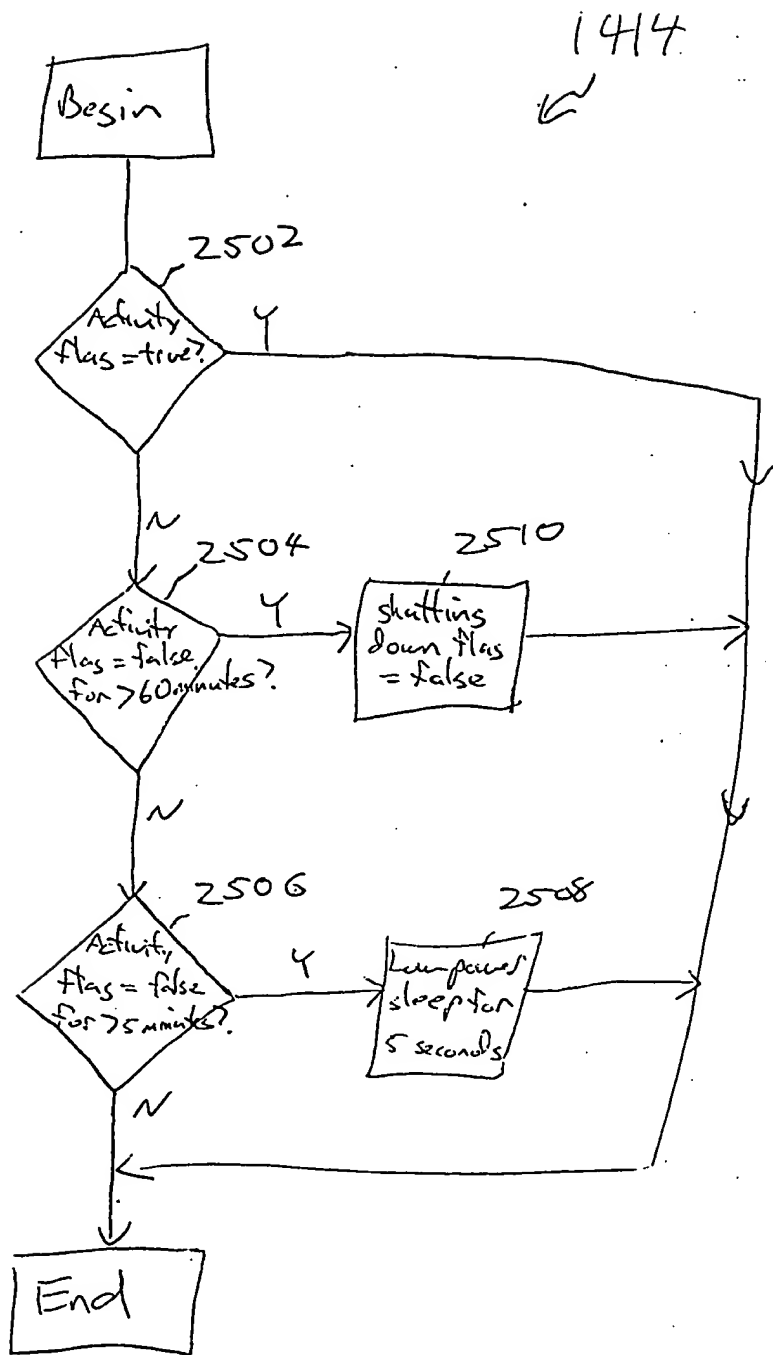


Fig. 25

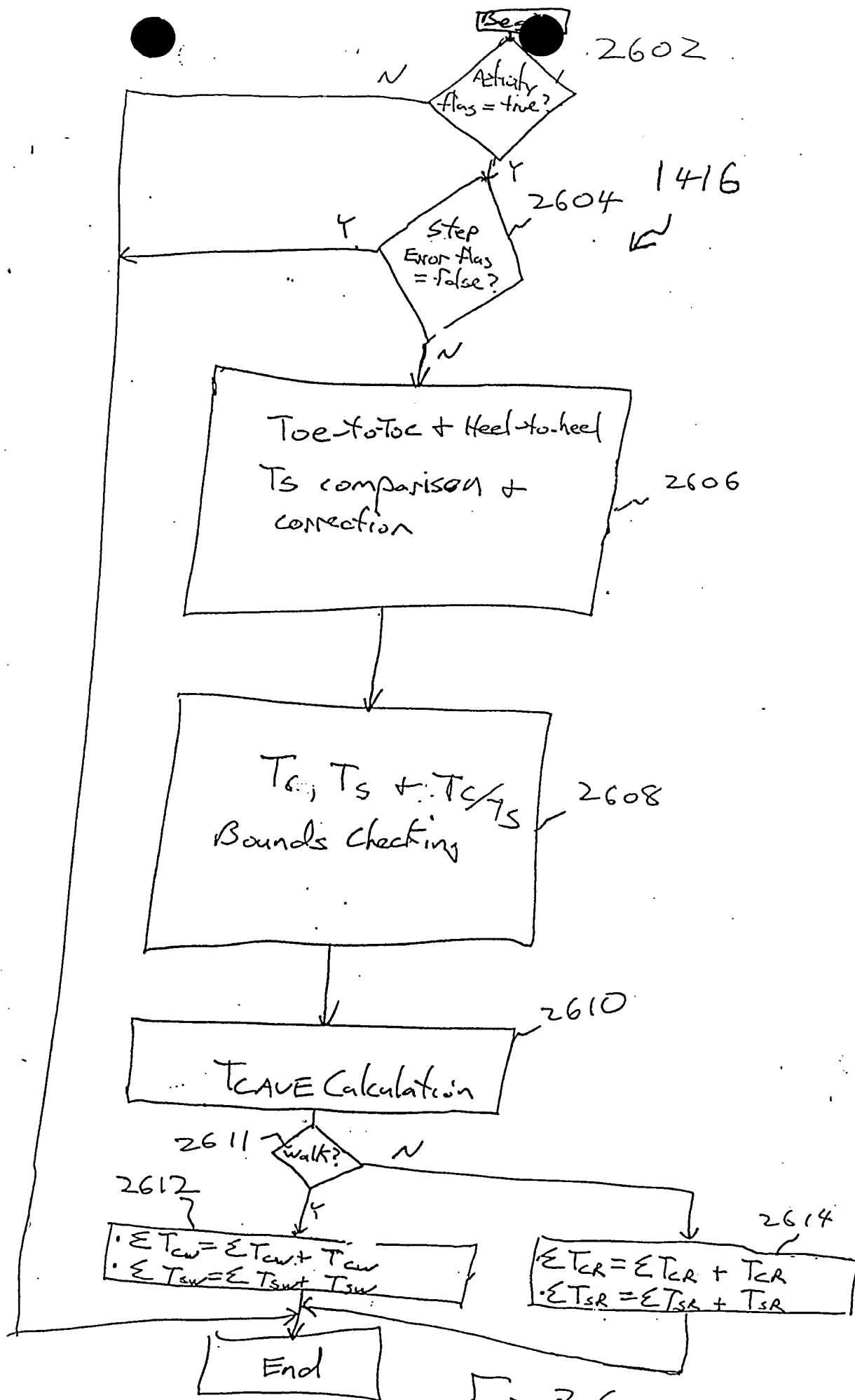


Fig. 26

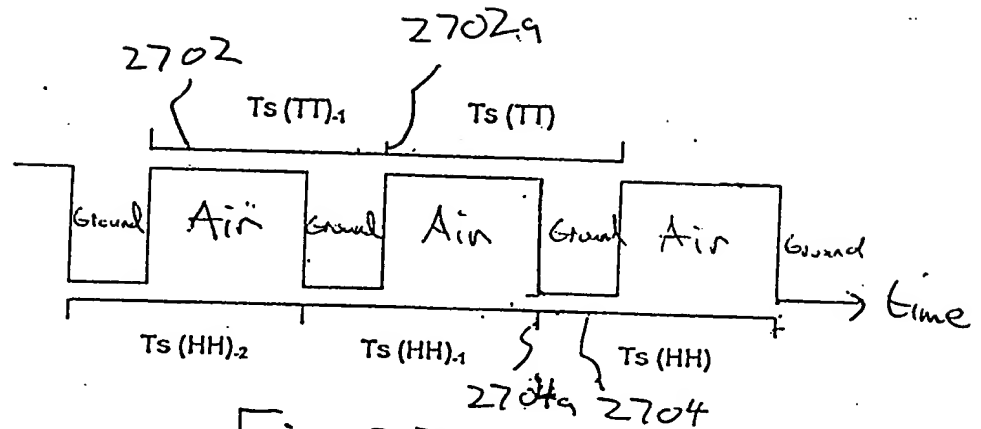


Fig. 27

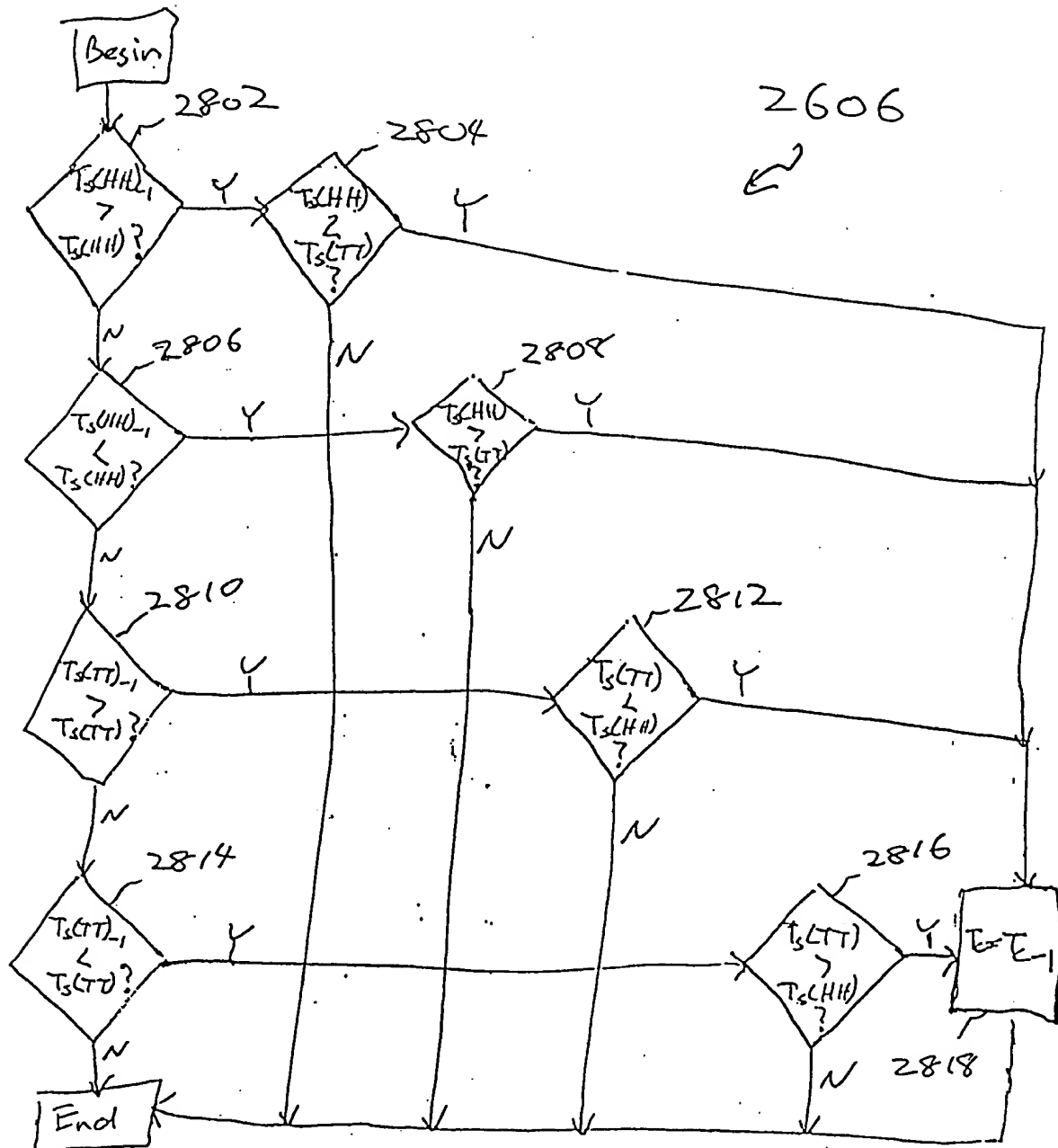


Fig. 28

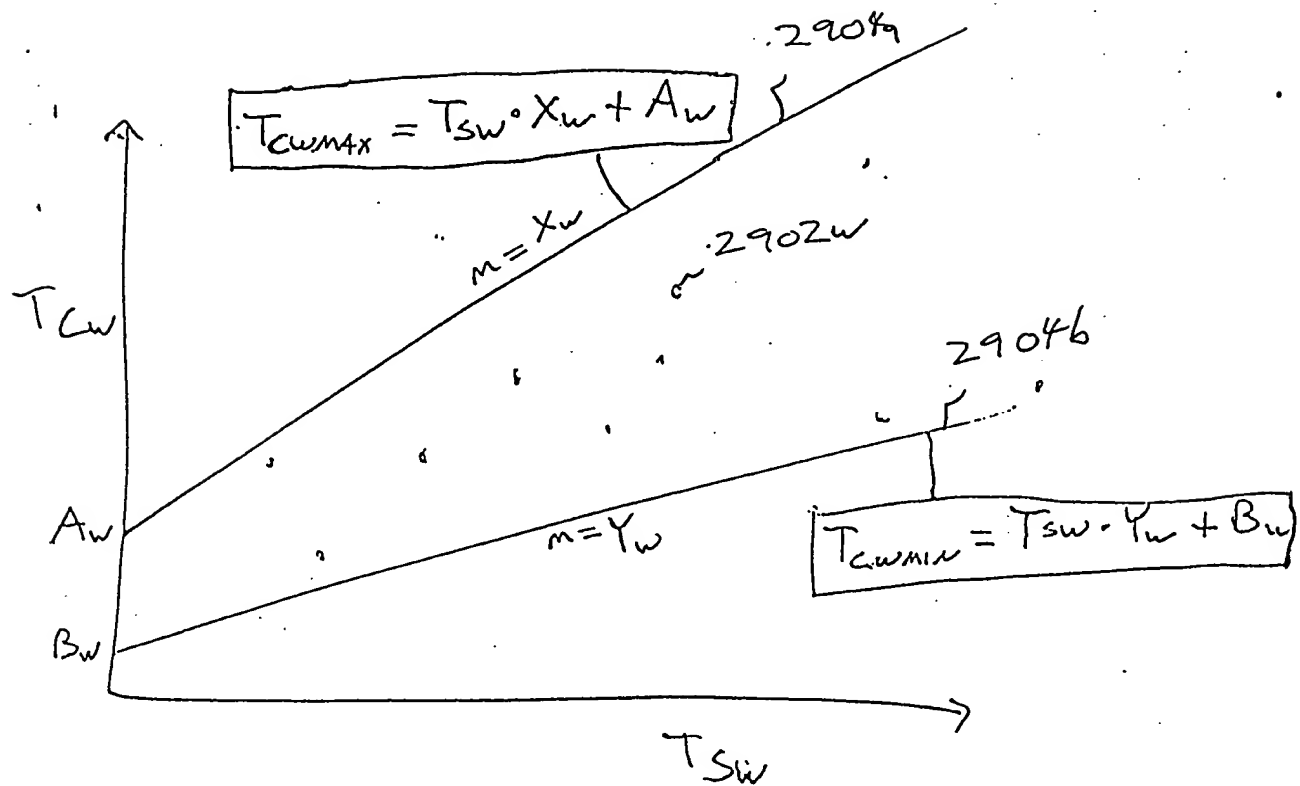


Fig. 29A

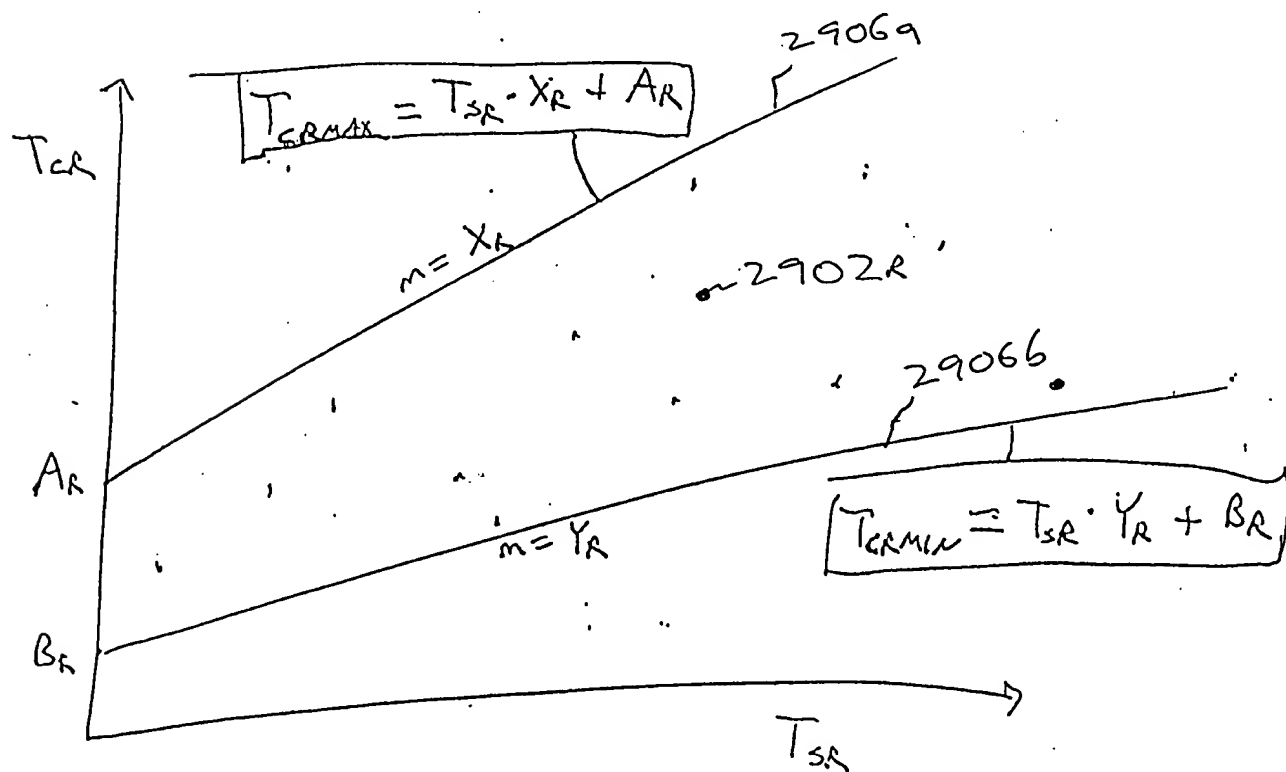


Fig. 29B

2608
N

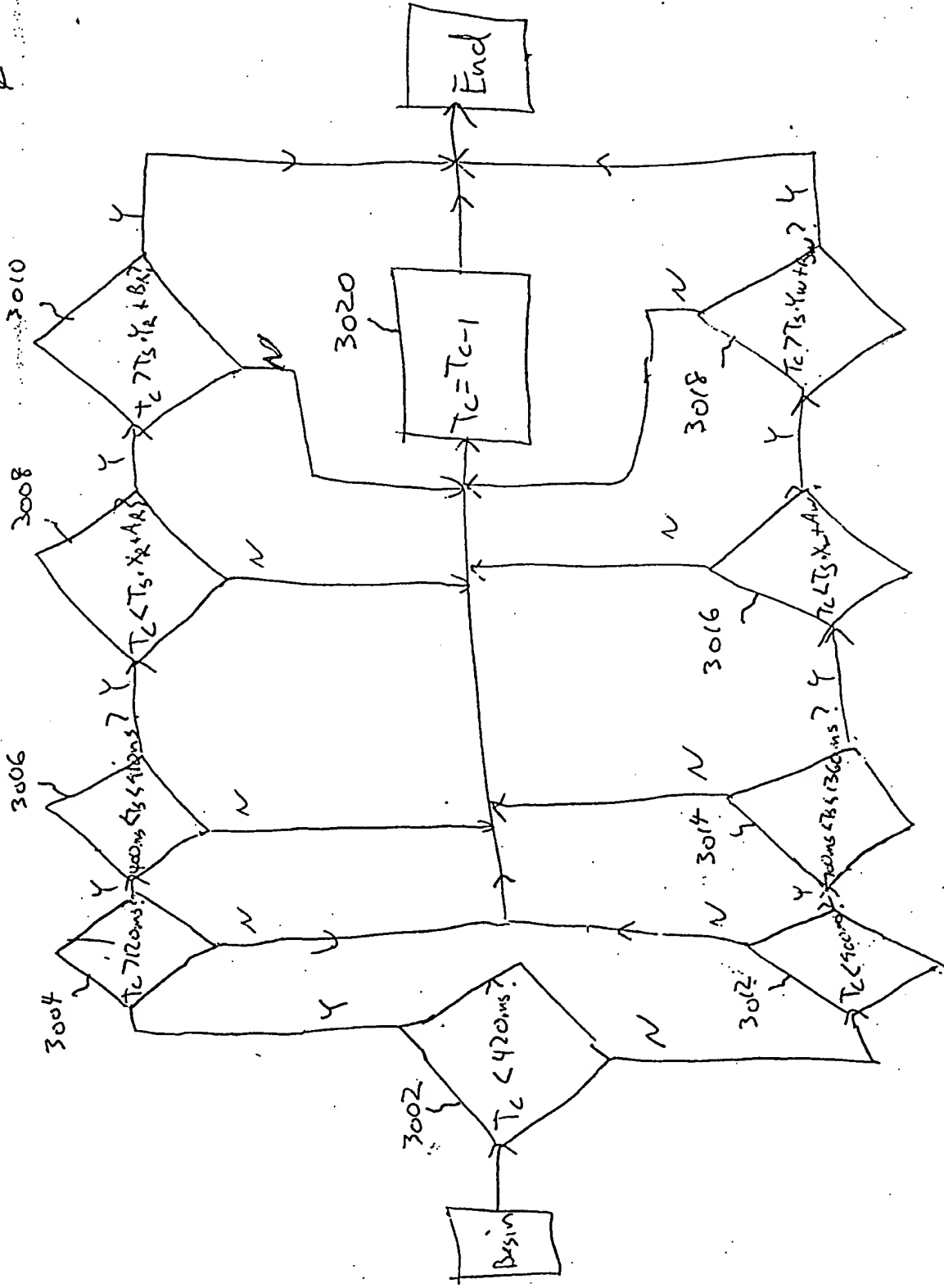


Fig. 30

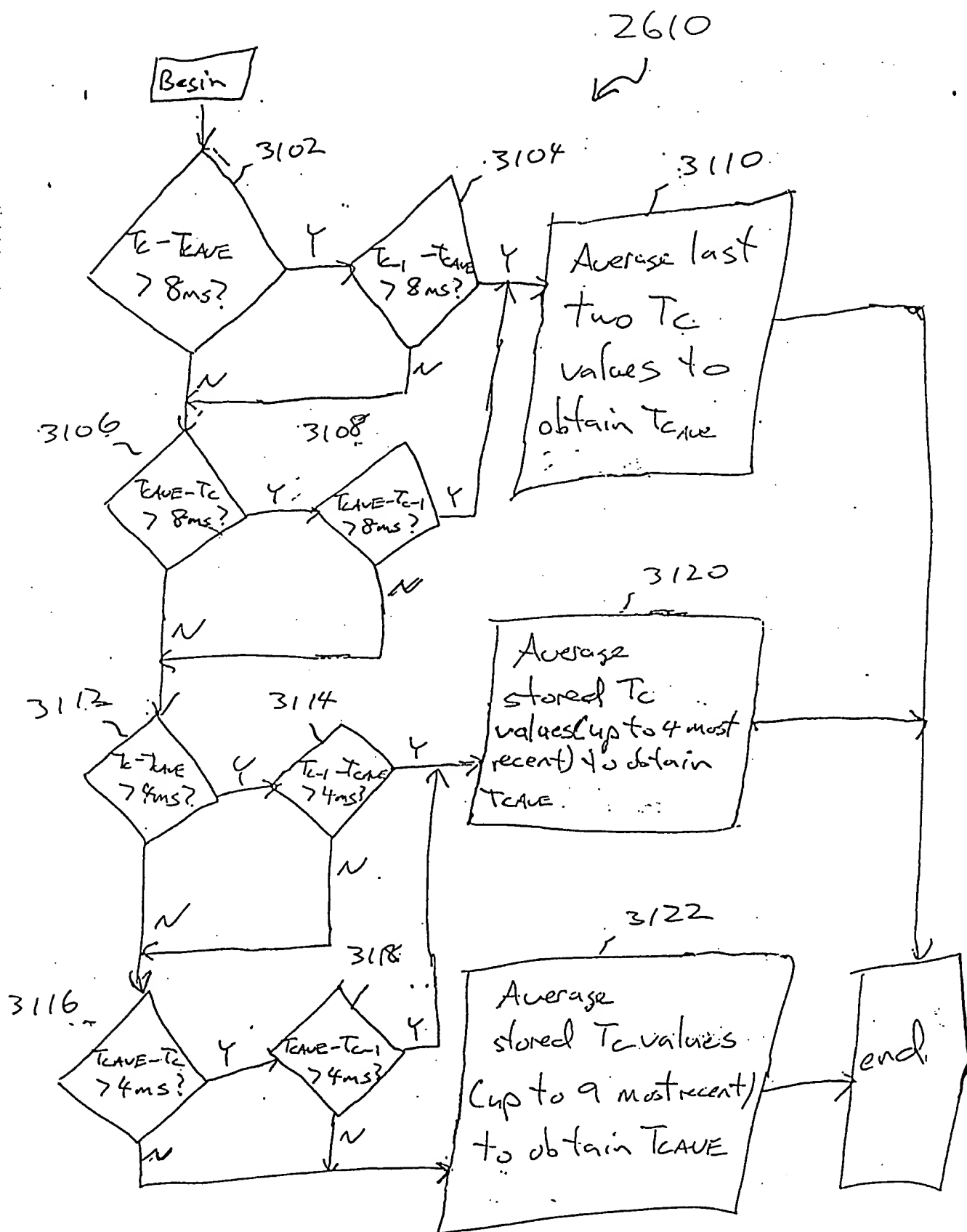


Fig. 31

Fig. 32A

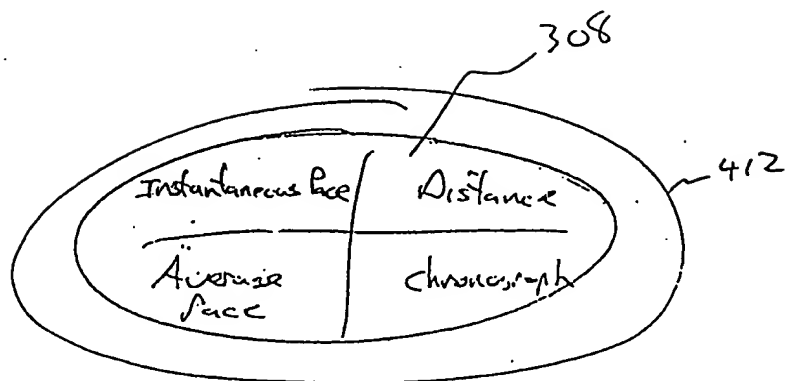


Fig. 32B

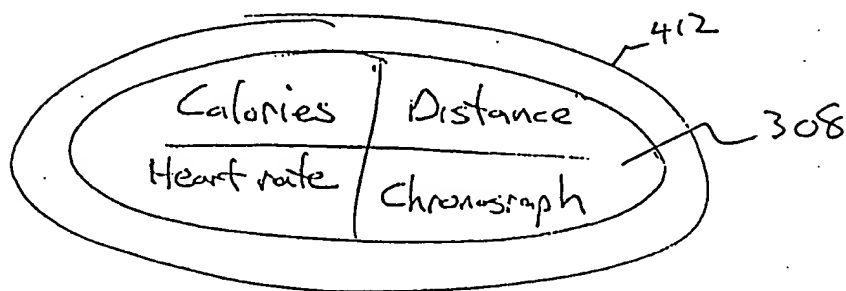


Fig. 32C

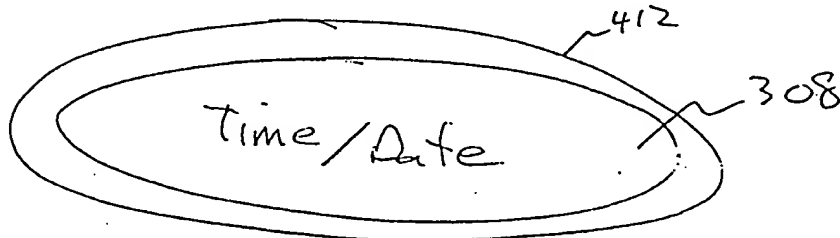


Fig. 32D

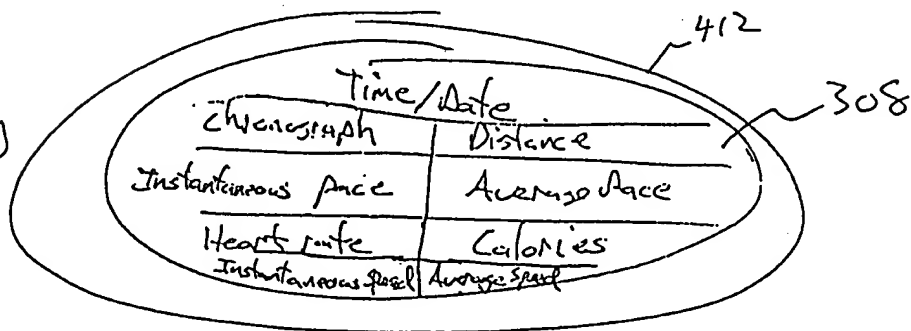


Fig. 32E

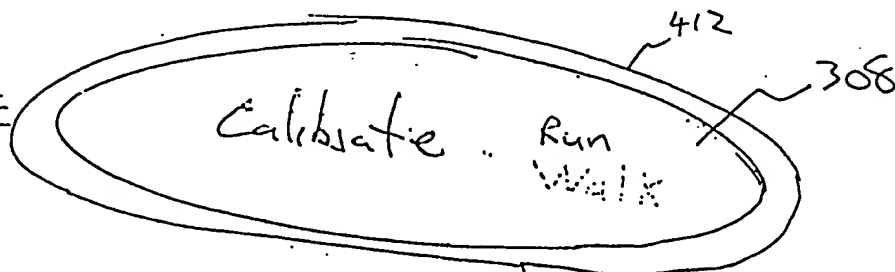


Fig. 32 F

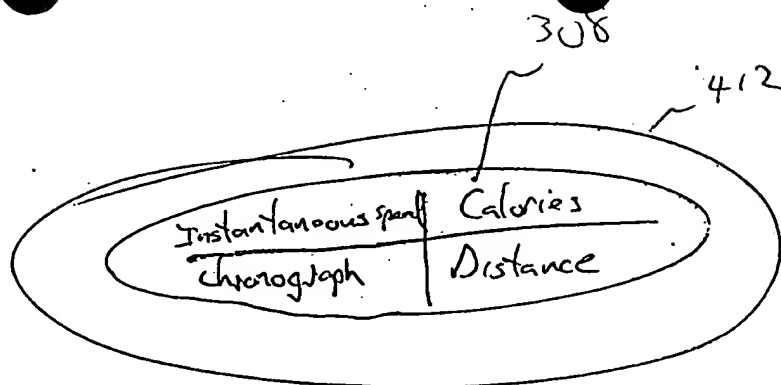


Fig. 32 G

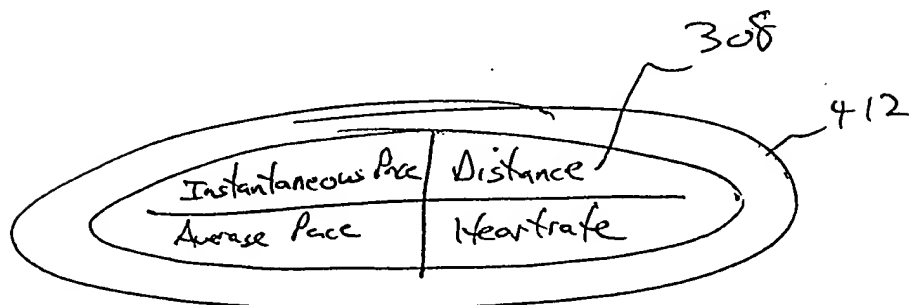
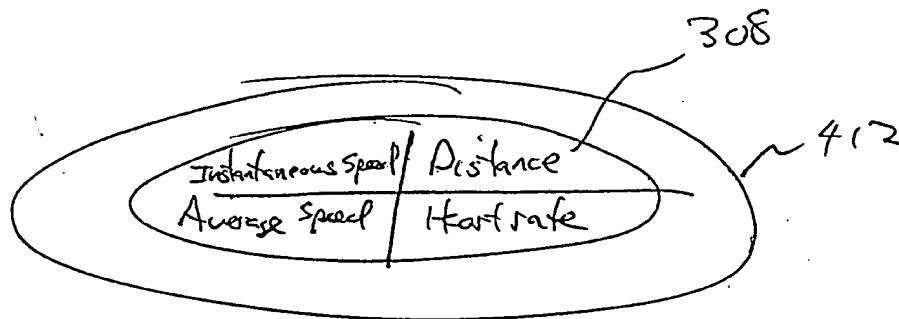


Fig. 32 H



The graph displays two data series: Speed (meters/second) and Stride Length (meters) plotted against Distance (meters). The X-axis represents Distance (meters) from 0 to 400. The left Y-axis represents Speed (meters/second) from 0.0 to 12.0. The right Y-axis represents Stride Length (meters) from 0.00 to 3.00. Two subjects are compared: 3302A (represented by a line with 'x' markers) and 3304A (represented by a line with '+' markers). Both subjects show a steady increase in both speed and stride length as distance increases. Subject 3302A consistently maintains higher values for both metrics compared to subject 3304A.

Distance (meters)	Speed (meters/second) - 3302A	Speed (meters/second) - 3304A	Stride Length (meters) - 3302A	Stride Length (meters) - 3304A
0	~6.5	~6.5	~1.50	~1.50
50	~8.5	~7.5	~1.75	~1.65
100	~9.5	~8.5	~1.90	~1.80
150	~10.0	~9.0	~2.00	~1.90
200	~10.5	~9.5	~2.10	~2.00
250	~10.8	~9.8	~2.15	~2.05
300	~11.0	~10.0	~2.20	~2.10
350	~11.2	~10.2	~2.25	~2.15
400	~11.5	~10.5	~2.30	~2.20

Fig. 33A

001200" 15154950

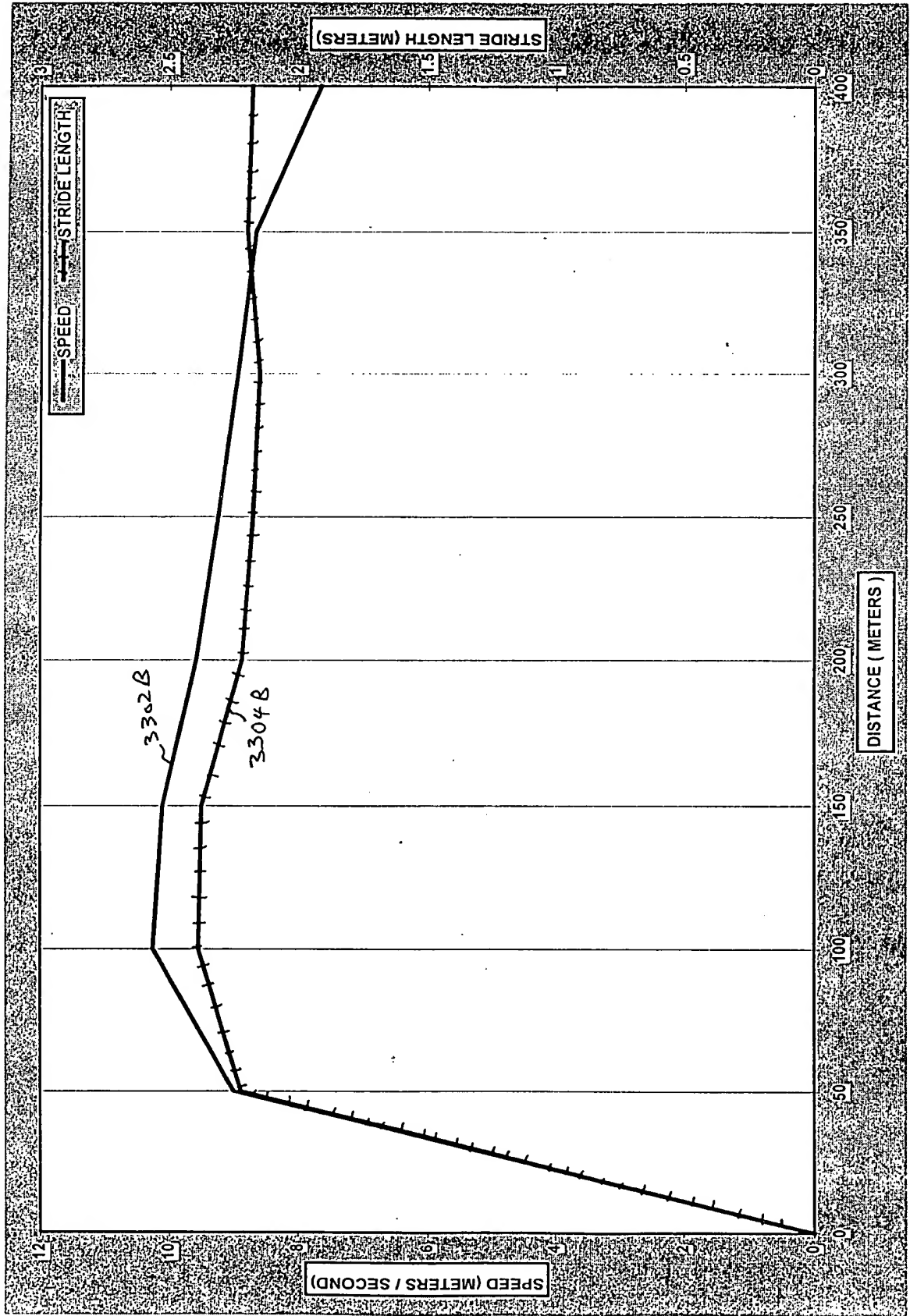


Fig. 33B

001220" K6T4960

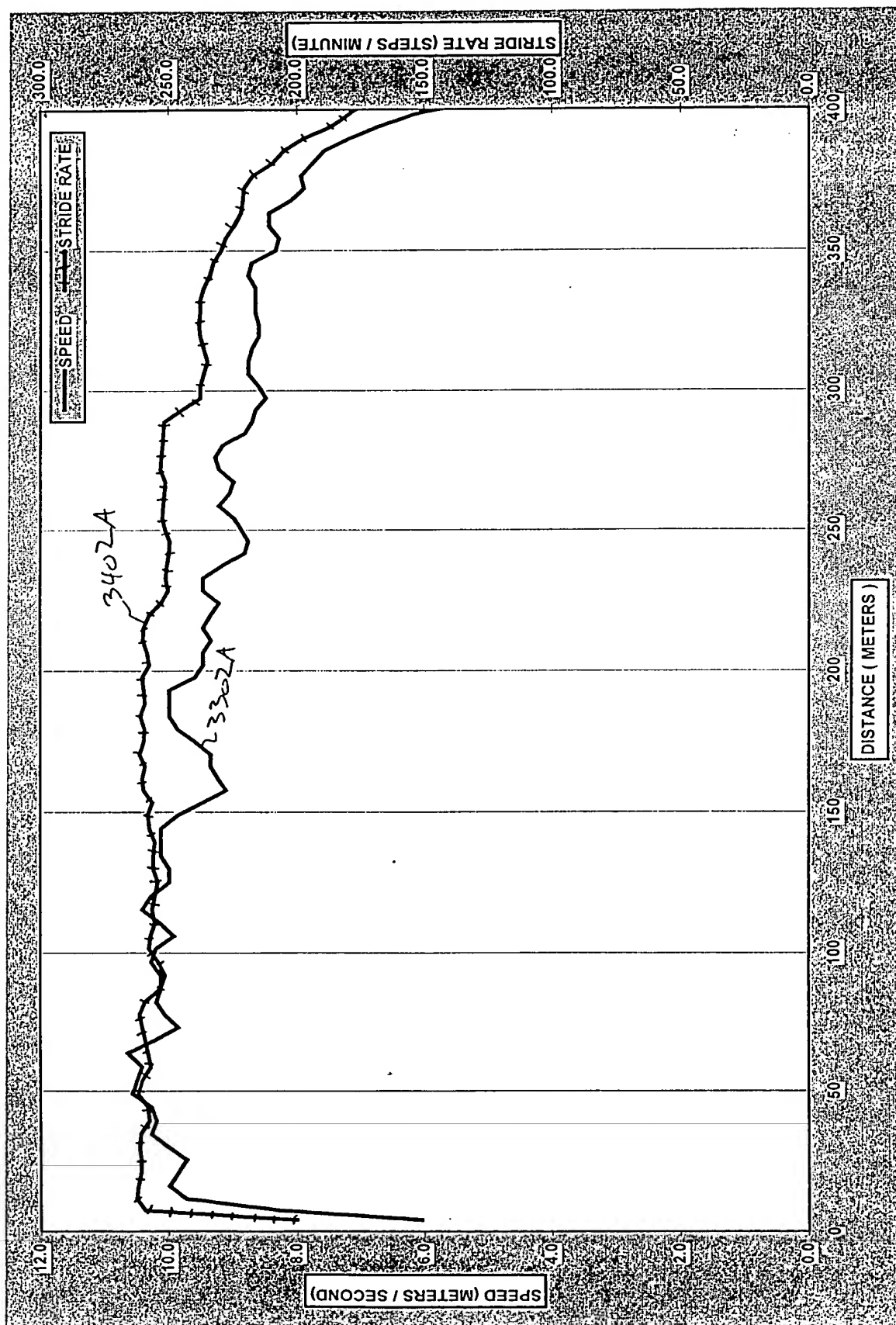


Fig. 34A

007230" 167430

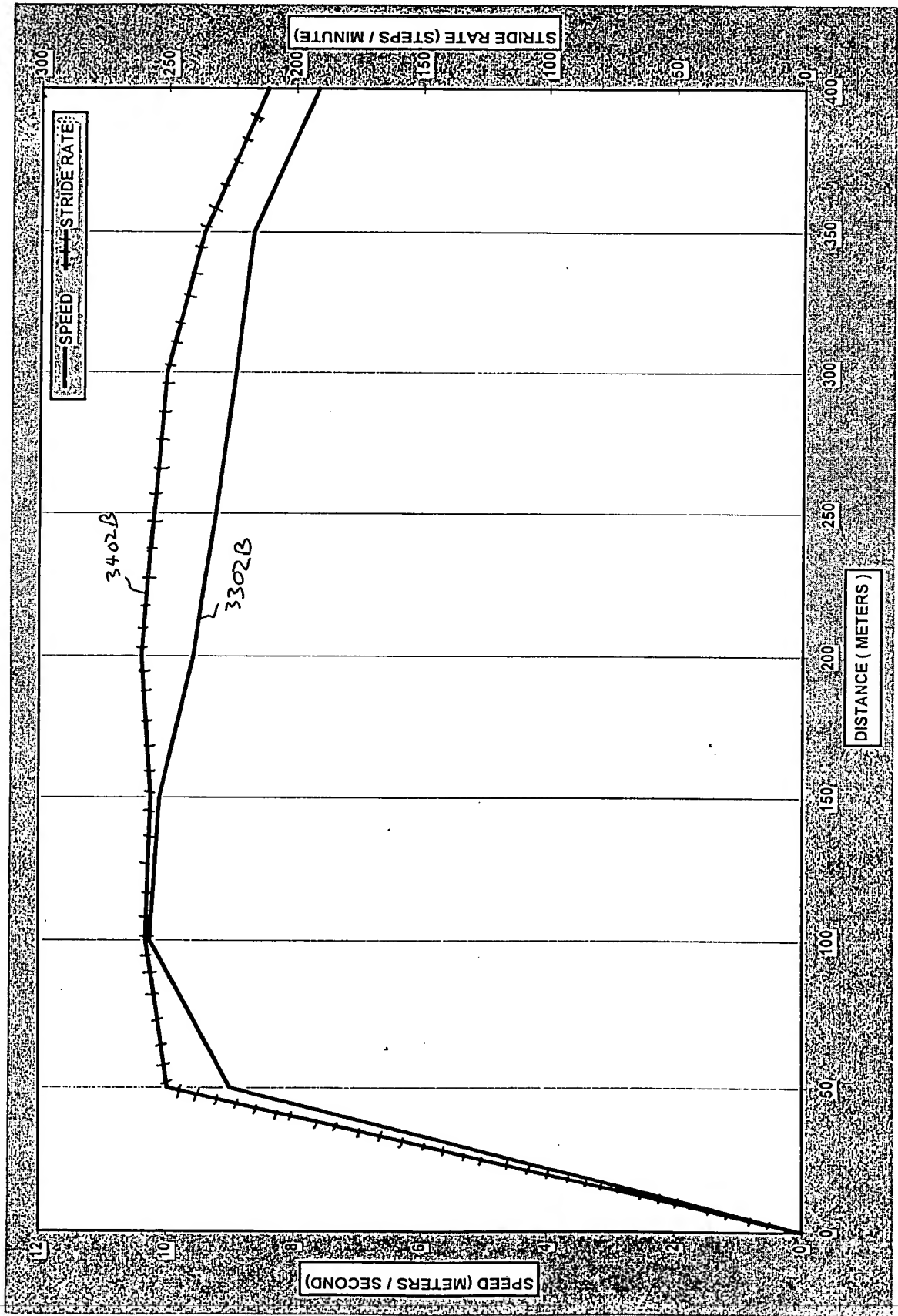


Fig. 34B

001220 151400

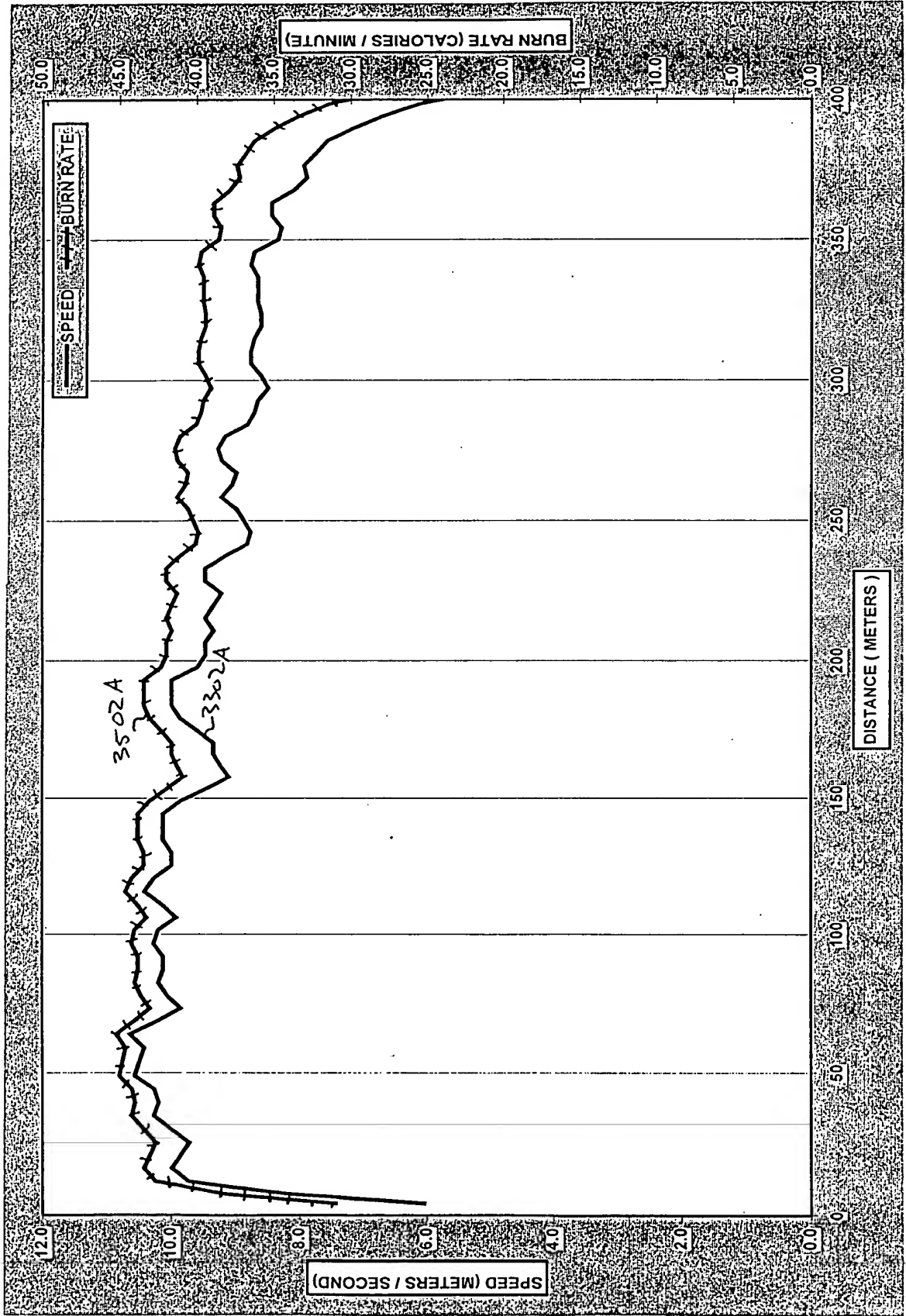


Fig. 35A

001230 151230

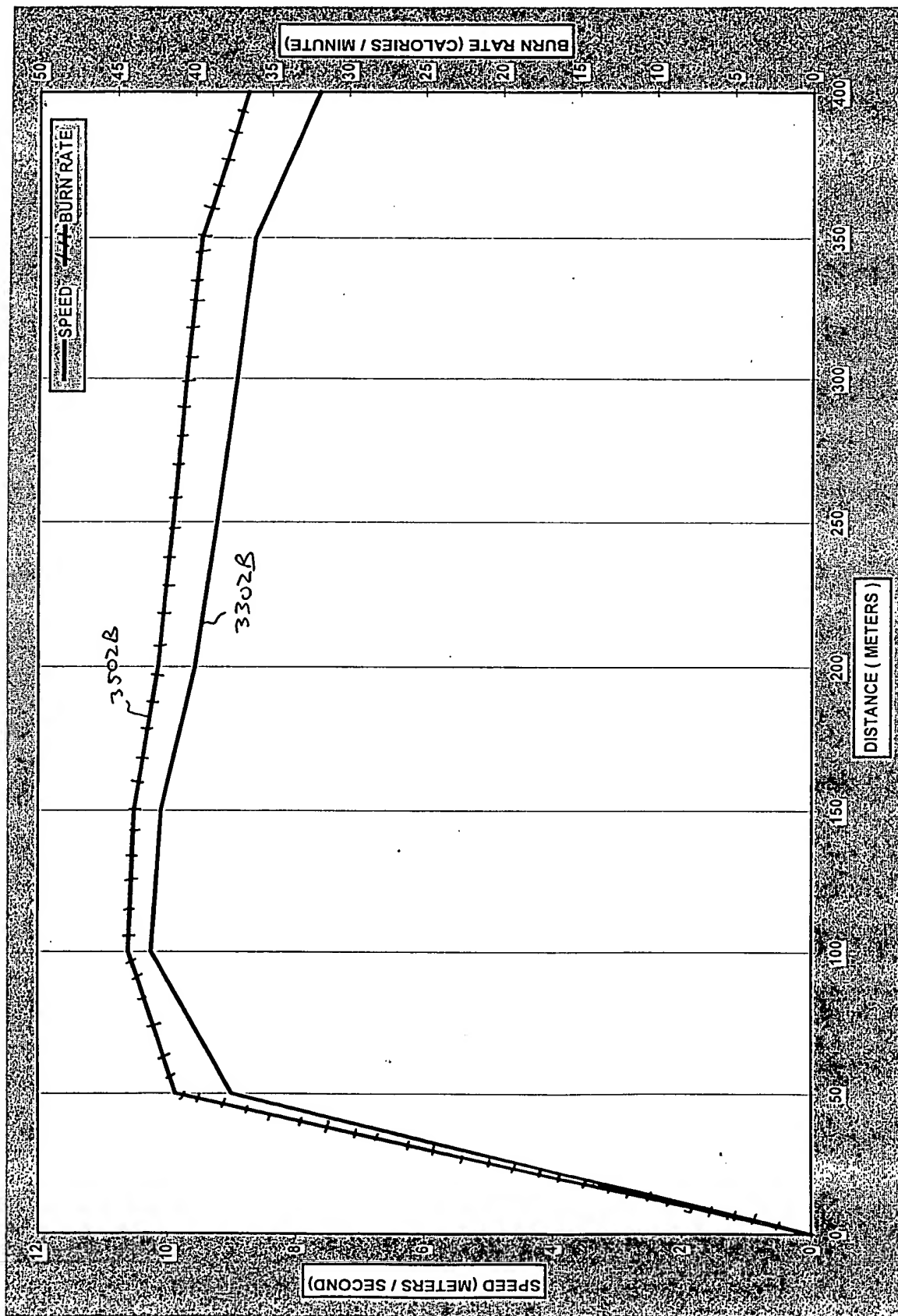


Fig. 35B

The graph displays the speed and acceleration of two vehicles, 3302A and 3602A, over a distance of 0 to 400 meters. The left y-axis measures speed in meters per second (0.0 to 12.0), and the right y-axis measures acceleration in meters per second squared (-2,000 to 5,000). The x-axis represents distance in meters (0 to 400). Vehicle 3302A (solid line) starts at approximately 10.5 m/s, fluctuates, and then drops to about 6.5 m/s after 200 meters. Vehicle 3602A (line with crosses) starts at approximately 4.0 m/s, fluctuates, and then drops to about 2.0 m/s after 200 meters. Acceleration for both vehicles is mostly negative, indicating deceleration, with peaks around 200m and 300m.

Distance (meters)	Speed 3302A (m/s)	Speed 3602A (m/s)	Acceleration 3302A (m/s²)	Acceleration 3602A (m/s²)
0	10.5	4.0	-1000	-1000
50	10.0	4.0	-1000	-1000
100	10.0	4.0	-1000	-1000
150	10.0	4.0	-1000	-1000
200	10.0	4.0	-1000	-1000
250	10.0	4.0	-1000	-1000
300	10.0	4.0	-1000	-1000
350	10.0	4.0	-1000	-1000
400	10.0	4.0	-1000	-1000

Fig. 36A

0012200 1615400

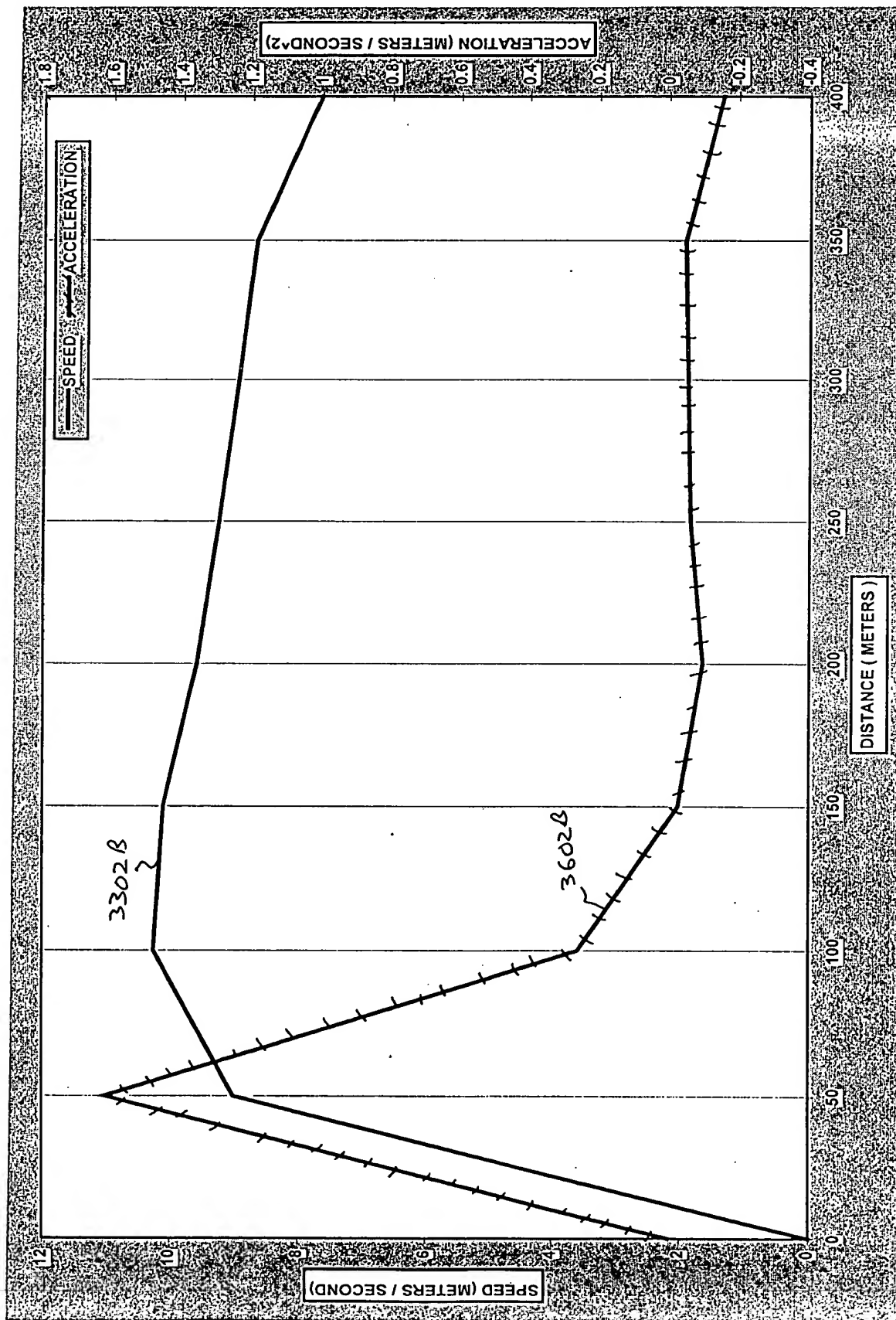


Fig. 36B

007280" REF 4960

Pace Vs. Ts (walking)

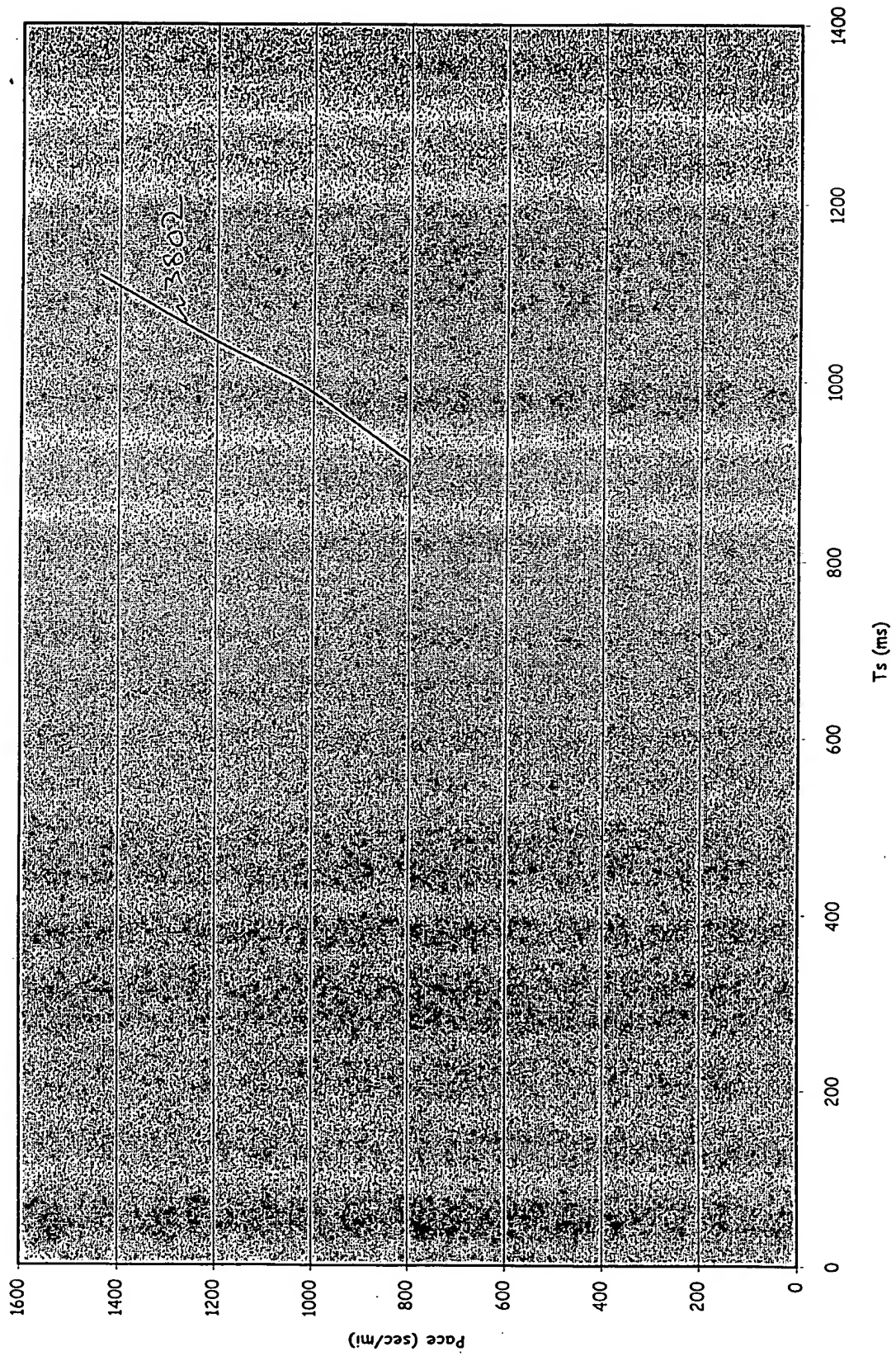


Fig. 38

007230" T6T4060

Speed vs. V_{T_3} (Walking)

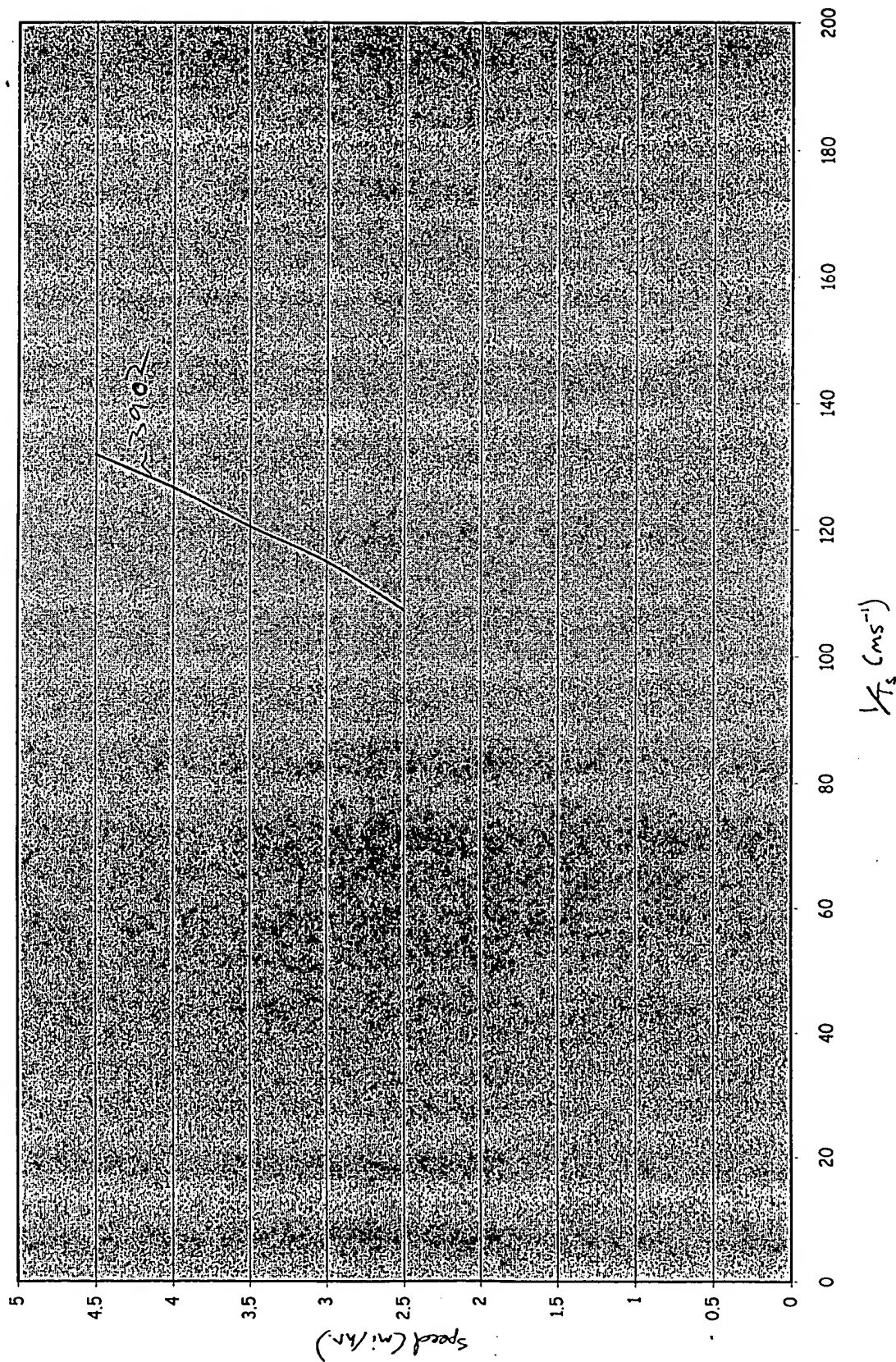


Fig. 39

Speed (mph)	Pace (Seconds/Mile)	Tc (ms)	Ts (ms)	Average		Steps Per Minute	Stress Per 1/10 Mile (lbs)	Steps Per Minute	Stress Per Minute (lbs)
				Ground Force (lbs)	Mile				
5	720	302	730	181	986	82	17881	82	14901
6	600	270	702	195	855	85	16667	85	16667
7	514	254	676	200	760	89	15177	89	17717
8	450	234	652	209	690	92	14423	92	19231
9	400	214	638	224	627	94	14019	94	21028
10	360	204	618	227	583	97	13235	97	22059
11	327	190	600	237	545	100	12908	100	23684

Fig. 40

001220-1674950

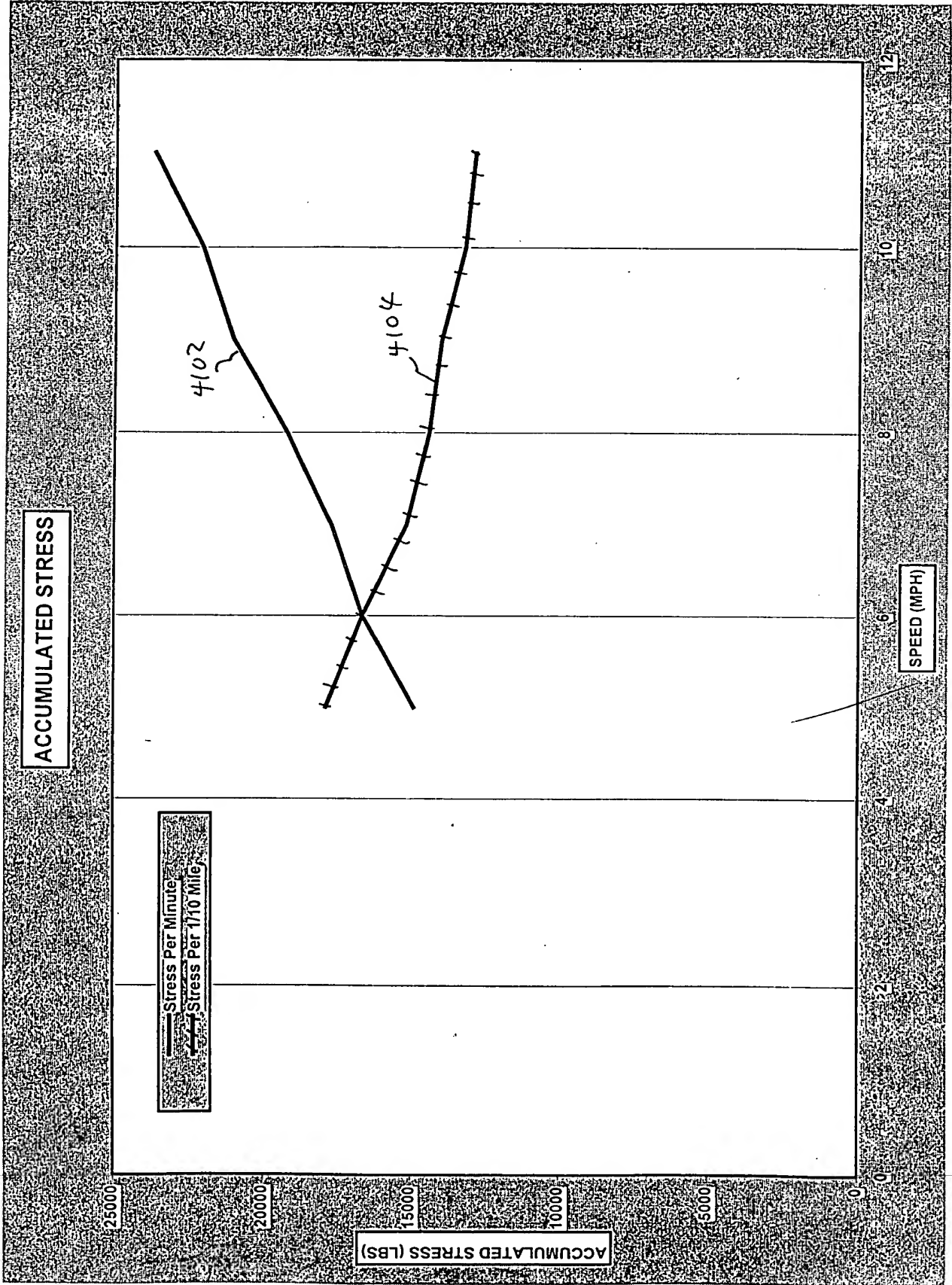


Fig. 41